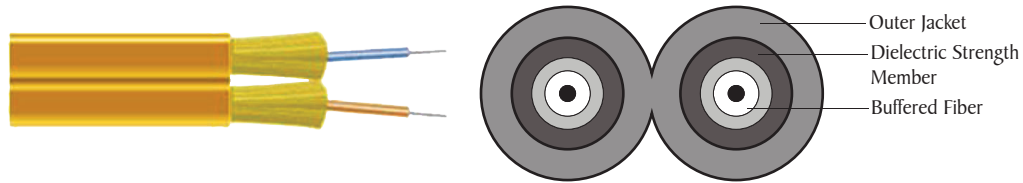


Fiber System

■ Fiber System

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I Simplex and Zip Cable



I Description

AVAYO simplex cables are constructed with one tight-buffered fiber core with aramid strength members and jacketed for indoor use. Zip cord cable is two of these cables joined with a thin web. The outer jacket is with PVC or LSZH compound.

I Applications and Standards

- Inter connect applications
- Gigabit Ethernet applications.
- As per TIA-568-C.3, ISO/IEC 11801
- Single mode and Multi mode Types

I Configuration and Physical Characters

Fiber Count	: 1 / 2 fibers
Type	: 9/125 Single Mode Fiber 62.5/125 and 50/125 Multi mode fiber
Buffer Material	: PVC compound or LSZH (Halogen free flame retardant)
Buffering Diameter	: 900 μ m
Strength Element	: Aramid or E-glass Yarn
Jacket Material	: PVC compound or LSZH (Halogen free flame retardant)
Jacket Color	: Yellow for Single Mode Orange for Multimode OM1 (62.5/125) and OM2 (50/125) Aqua for OM3 (50/125) and OM4 (50/125)
Minimum Bend Radius	: 15 x OD mm Short Term 10 x OD mm Long Term

I Fiber Optic Characteristic

Fiber Standard Multimode	Core/cladding	Effective Modal BW 850nm (Km)	Overall Launch BW 850nm (Km)	Attenuation 850nm (dB/Km)	Attenuation 1300nm (dB/Km)	Data Rate over Distance (Meter)
OM 1	62.5/125	200 MHz	200 MHz	3.5	1.0	1GB - 300M
OM1+	62.5/125	500 MHz	350 MHz	3.5	1.0	1GB - 500M
OM 2	50/125	500 MHz	500 MHz	3.5	1.0	1GB - 600M
OM2+	50/125	950 MHz	700 MHz	3.0	1.0	1GB - 750M 10GB - 150M
OM 3	50/125	2000 MHz	1500 MHz	3.0	1.0	1GB - 1000M 10GB - 300M
OM 4	50/125	4700 MHz	3500 MHz	3.0	1.0	1GB - 1100M 10GB - 550M
Single Mode	9/125			<0.40@1310nm	<0.25@1550nm	

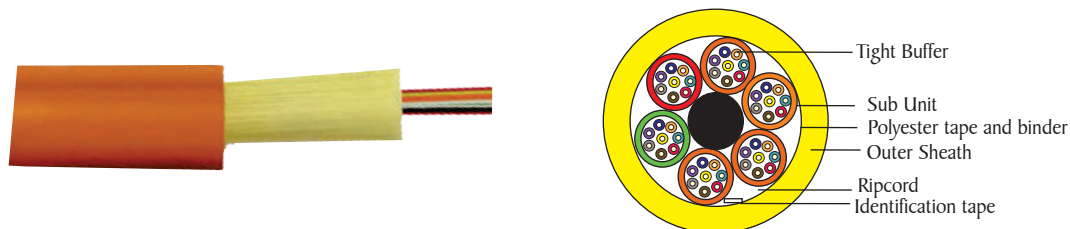
Long Term Tension Allowed : 66 N
Short Term Tension Allowed : 120 N

Operating Temperature : -30°C to + 70°C
Marking on Jacket : AVAYO / cable description/meter mark

I Ordering Information :- Simplex and Zip Cable

Part No.	Description	Packaging	Color
AF-2C9SM-IDZ	2 CORE 9/125 SINGLE MODE ZIP CABLE	1000 MTR	YELLOW
AF-2C62MM-IDZ	2 CORE 62.5/125 MULTI MODE OM1 ZIP CABLE	1000 MTR	ORANGE
AF-2C50MM-IDZ	2 CORE 50/125 MULTI MODE OM2 ZIP CABLE	1000 MTR	ORANGE
AF-2C50MM3-IDZ	2 CORE 50/125 MULTI MODE OM3 ZIP CABLE	1000 MTR	AQUA
AF-2C9SM-ID	2 CORE 9/125 SINGLE MODE CABLE	1000 MTR	YELLOW
AF-2C62MM-ID	2 CORE 62.5/125 MULTI MODE OM1 CABLE	1000 MTR	ORANGE
AF-2C50MM-ID	2 CORE 50/125 MULTI MODE CABLE	1000 MTR	ORANGE
AF-2C50MM3-ID	2 CORE 50/125 MULTI MODE OM3 CABLE	1000 MTR	AQUA

Indoor Distribution Tight Buffered Cable



Description

AVAYO distribution cables are for indoor applications with several tight-buffered fibers bundled under the same jacket with aramid strength members and sometimes fiberglass rod reinforcement. The outer jacket is with PVC or LSZH compound. These cables are small in size, and used for short, dry conduit runs, riser and plenum applications. The fibers are double buffered and can be directly terminated.

Applications and Standards

- Inter connect applications
- Gigabit Ethernet applications.
- As per TIA-568-C.3, ISO/IEC 11801
- Single mode and Multi mode Types

Configuration and Physical Characters

Fiber Count	: 4, 6, 8, 12, 24, 48 and 72 fibers
Type	: 9/125 Single Mode Fiber 62.5/125 & 50/125 Multi mode fiber
Buffer Material	: PVC compound or LSZH (Halogen free flame retardant)
Buffering Diameter	: 900 μ m
Strength Element	: Aramid or E-glass Yarn
Jacket Material	: PVC compound or LSZH (Halogen free flame retardant)
Jacket Color	: Yellow for Single Mode Orange for Multimode 62.5/125 and 50/125 Aqua for 50/125 OM3 and 50/125 OM4
Minimum Bend Radius	: 15 x OD mm Short Term 10 x OD mm Long Term

Fiber Optic Characteristic:

Fiber Standard Multimode	Core/cladding	Effective Modal BW 850nm (Km)	Overall Launch BW 850nm (Km)	Attenuation 850nm (dB/Km)	Attenuation 1300nm (dB/Km)	Data Rate over Distance (Meter)
OM 1	62.5/125	200 MHz	200 MHz	3.5	1.0	1GB - 300M
OM1 +	62.5/125	500 MHz	350 MHz	3.5	1.0	1GB - 500M
OM2	50/125	500 MHz	500 MHz	3.5	1.0	1GB - 600M
OM2+	50/125	950 MHz	700 MHz	3.0	1.0	1GB - 750M 10GB - 150M
OM 3	50/125	2000 MHz	1500 MHz	3.0	1.0	1GB - 1000M 10GB - 300M
OM 4	50/125	4700 MHz	3500 MHz	3.0	1.0	1GB - 1100M 10GB - 550M
Single Mode	9/125			<0.40@1310nm	<0.25@1550nm	

Long Term Tension Allowed : 66 N

Short Term Tension Allowed : 120 N

Operating Temperature : -30°C to + 70°C

Marking on Jacket : AVAYO/cable description/meter mark

Ordering Information:- Indoor Distribution Cable

Single Mode Cable

Part No.	Description	Packaging	Color
AF-4C9-SMID	4 CORE 9/125 SINGLE MODE CABLE	1000 MTR	YELLOW
AF-6C9-SMID	6 CORE 9/125 SINGLE MODE CABLE	1000 MTR	YELLOW
AF-8C9-SMID	8 CORE 9/125 SINGLE MODE CABLE	1000 MTR	YELLOW
AF-12C9-SMID	12 CORE 9/125 SINGLE MODE CABLE	1000 MTR	YELLOW
AF-24C9-SMID	24 CORE 9/125 SINGLE MODE CABLE	1000 MTR	YELLOW
AF-48C9-SMID	48 CORE 9/125 SINGLE MODE CABLE	1000 MTR	YELLOW
AF-72C9-SMID	72 CORE 9/125 SINGLE MODE CABLE	1000 MTR	YELLOW

Multi Mode OM1 Cable

Part No.	Description	Packaging	Color
AF-4C62-MMID	4 CORE 62.5 / 125 MULTIMODE CABLE	1000 MTR	ORANGE
AF-6C62-MMID	6 CORE 62.5 / 125 MULTIMODE CABLE	1000 MTR	ORANGE
AF-8C62-MMID	8 CORE 62.5 / 125 MULTIMODE CABLE	1000 MTR	ORANGE
AF-12C62-MMID	12 CORE 62.5 / 125 MULTIMODE CABLE	1000 MTR	ORANGE
AF-24C62-MMID	24 CORE 62.5 / 125 MULTIMODE CABLE	1000 MTR	ORANGE
AF-48C62-MMID	48 CORE 62.5 / 125 MULTIMODE CABLE	1000 MTR	ORANGE
AF-72C62-MMID	72 CORE 62.5 / 125 MULTIMODE CABLE	1000 MTR	ORANGE

■ Ordering Information :- Indoor Distribution Cable

Multi Mode OM2 Cable

Part No.	Description	Packaging	Color
AF-4C50-MMID	4 CORE 50/125 MULTI MODE CABLE	1000 MTR	ORANGE
AF-6C50-MMID	6 CORE 50/125 MULTI MODE CABLE	1000 MTR	ORANGE
AF-8C50-MMID	8 CORE 50/125 MULTI MODE CABLE	1000 MTR	ORANGE
AF-12C50-MMID	12 CORE 50/125 MULTI MODE CABLE	1000 MTR	ORANGE
AF-24C50MMID	24 CORE 50/125 MULTI MODE CABLE	1000 MTR	ORANGE
AF-48C50-MMID	48 CORE 50/125 MULTI MODE CABLE	1000 MTR	ORANGE
AF-72C50-MMID	72 CORE 50/125 MULTI MODE CABLE	1000 MTR	ORANGE

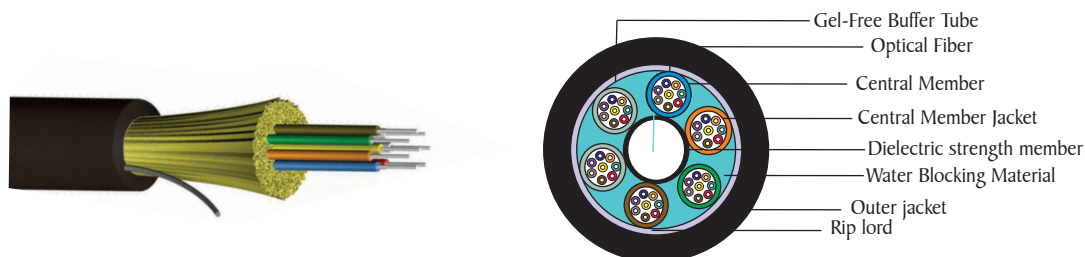
Multi Mode OM3 Cable

Part No.	Description	Packaging	Color
AF-4C50-MM3-ID	4 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	AQUA
AF-6C50-MM3-ID	6 CORE 50/125 OM3 MULTIMODE CABLE	1000 MTR	AQUA
AF-8C50-MM3-ID	8 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	AQUA
AF-12C50-MM3-ID	12 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	AQUA
AF-24C50-MM3-ID	24 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	AQUA
AF-48C50-MM3-ID	48 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	AQUA
AF-72C50-MM3-ID	72 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	AQUA

Multi Mode OM4 Cable

Part No.	Description	Packaging	Color
AF-4C50-MM4-ID	4 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	AQUA
AF-6C50-MM4-ID	6 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	AQUA
AF-8C50-MM4-ID	8 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	AQUA
AF-12C50-MM4-ID	12 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	AQUA
AF-24C50-MM4-ID	24 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	AQUA
AF-48C50-MM4-ID	48 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	AQUA
AF-72C50-MM4-ID	72 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	AQUA

I Indoor and Out Door Distribution Tight Buffered Cable



I Description

Indoor/ Outdoor Distribution cables with several tight-buffered fibers bundled under the same jacket served with water-blocking swell able aramid yarns and jacketed with black, PVC or UV resistant LSZH compound.

I Applications and Standards

- Halogen free and UV resistant design
- Gigabit Ethernet applications
- As per TIA-568-C.3,ISO/IEC 11801
- Single mode and Multi mode Types

I Configuration and Physical Characters

Fiber Count	: 4,6,8,12,24,48,and 72 fibers
Type	: 9/125 Single Mode Fiber 62.5/125 & 50/125 Multi mode fiber
Buffer Material	: PVC compound or LSZH Halogen free flame retardant
Buffering Diameter	: 900 μ m
Strength Element	: Swell able aramid yarns, providing longitudinal water blocking
Jacket Material	: PVC Compound & LSZH Halogen free flame retardant
Jacket Color	: Black
Minimum Bent Radius	: 15 x OD mm Short Term 10 x OD mm Long Term

■ Fiber optic Characteristic

Fiber Standard Multimode	Core / Cladding	Effective Modal BW 850nm(Km)	Overall Launch BW 850 nm(Km)	Attenuation 850nm(dB/Km)	Attenuation 1300nm(dB/Km)	Data Rate over Distance (meter)
OM 1	62.5/125	200MHz	200MHz	3.5	1.0	1 GB - 300M
OM 1+	62.5/125	500MHz	350MHz	3.5	1.0	1 GB - 500M
OM 2	50.5/125	500MHz	500MHz	3.5	1.0	1 GB - 600M
OM 2+	50.5/125	950MHz	700MHz	3.0	1.0	1 GB - 750M 10 GB - 150M
OM 3	50.5/125	2000MHz	1500MHz	3.0	1.0	1 GB - 1000M 10 GB - 300M
OM 4	50.5/125	4700MHz	3500MHz	3.0	1.0	1 GB - 1100M 10 GB - 550M
Single Mode	9/125			<0.40@1310m	<0.25@1550nm	

Long Term Tension Allowed : 66N

Short Term Tension Allowed : 120N

Operating Temperature : -40°C to + 70°C

Marking on Jacket : AVAYO/cable description/meter mark

■ Odering Information:- Indoor/Outdoor Distribution Cable

Single Mode Cable

Part No.	Description	Packing	Color
AF-4C9-SMIDOD	4 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-6C9-SMIDOD	6 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-8C9-SMIDOD	8 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-12C9-SMIDOD	12 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-24C9-SMIDOD	24 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-48C9-SMIDOD	48 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-72C9-SMIDOD	72 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK

Multi Mode OMI Cable

Part No.	Description	Packing	Color
AF-4C62-MMIDOD	4 CORE62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C62-MMIDOD	6 CORE62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C62-MMIDOD	8 CORE62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C62-MMIDOD	12 CORE62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C962-MMIDOD	24 CORE62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-48C62-MMIDOD	48 CORE62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-72C62-MMIDOD	72 CORE62.5/125 MULTI MODE CABLE	1000 MTR	BLACK

Multi Mode OM2 Cable

Part No.	Description	Packing	Color
AF-4C50-MMIDOD	4 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C50-MMIDOD	6 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C50-MMIDOD	8 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C50-MMIDOD	12 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C50-MMIDOD	24 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-48C50-MMIDOD	48 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-72C50-MMIDOD	72 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK

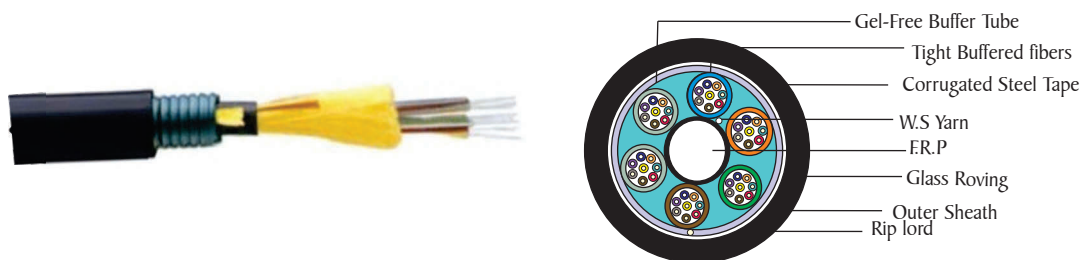
Multi Mode OM3 Cable

Part No.	Description	Packing	Color
AF-4C50-MM3-IDOD	4 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C50-MM3-IDOD	6 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C50-MM3-IDOD	8 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C50-MM3-IDOD	12 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C50-MM3-IDOD	24 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-48C50-MM3-IDOD	48 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-72C50-MM3-IDOD	72 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK

Multi Mode OM4 Cable

Part No.	Description	Packing	Color
AF-4C50-MM4-IDOD	4 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C50-MM4-IDOD	6 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C50-MM4-IDOD	8 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C50-MM4-IDOD	12 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C50-MM4-IDOD	24 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-48C50-MM4-IDOD	48 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-72C50-MM4-IDOD	72 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK

Outdoor Armored Distribution Tight Buffered Cable



Description

AVAYO out door Armored Distribution cables are constructed with several tight-buffered fibers bundled under the same jacket served with aramid yarns and jacketed with black ,UV resistant LSZH compound. In addition to that a layer of corrugated steel armor covered with a black, UV resistant PE outer jacket render the cable suitable for harsh environments and rodent-infested areas.

Applications and Standards

- Halogen free and UV resistant design
- Gigabit Ethernet applications.
- As per TIA-568-C.3, ISO/IEC 11801
- Single mode and Multi mode Types

Configuration and Physical Characters

Fiber Count	: 4, 6, 8, 12, 24, 48 and 72 fibers
Type	: 9/125 Single Mode Fiber 62.5/125 & 50/125 Multi mode fiber
Buffer Material	: PVC compound or LSZH (Halogen free flame retardant)
Buffering Diameter	: 900 um
Strength Element	: Swell able aramid yarns, providing longitudinal water blocking
Inner Jacket Material	: PVC compound or LSZH (Halogen free flame retardant)
Jacket Color	: Black
Tube Filling Gel	: Thixotropic Gel
Armor Type	: 0.15mm corrugated steel tape, rodent resistant
Outer Jacket	: UV resistant PE compound, Black color
Minimum Bend Radius	: 15 x OD mm Short Term 10 x OD mm Long Term

I Fiber Optic Characteristic

Fiber Standard Multimode	Core/cladding	Effective Modal BW 850nm (Km)	Overall Launch BW 850nm (Km)	Attenuation 850nm (dB/Km)	Attenuation 1300nm (dB/Km)	Data Rate over Distance(Meter)
OM 1	62.5/125	200 MHz	200 MHz	3.5	1.0	1GB - 300M
OM1+	62.5/125	500 MHz	350 MHz	3.5	1.0	1GB - 500M
OM2	50/125	500 MHz	500 MHz	3.5	1.0	1GB - 600M
OM2+	50/125	950 MHz	700 MHz	3.0	1.0	1GB - 750M 10GB - 150M
OM 3	50/125	2000 MHz	1500 MHz	3.0	1.0	1GB - 1000M 10GB - 300M
OM 4	50/125	4700 MHz	3500 MHz	3.0	1.0	1GB - 1100M 10GB - 550M
Single Mode	9/125			<0.40@1310nm	<0.25@1550nm	

Long Term Tension Allowed : 66 N
Short Term Tension Allowed : 120 N

Operating Temperature : -40°C to + 70°C
Marking on Jacket : AVAYO / cable description/meter mark

I Ordering Information :- Outdoor Armored Distribution Cable

Single Mode Cable

Part No.	Description	Packaging	Color
AF-4C9-SMOD	4 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-6C9-SMOD	6 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-8C9-SMOD	8 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-12C9-SMOD	12 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-24C9-SMOD	24 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-48C9-SMOD	48 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-72C9-SMOD	72 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK

Multi Mode OM1 Cable

Part No.	Description	Packaging	Color
AF-4C62-MMOD	4 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C62-MMOD	6 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C62-MMOD	8 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C62-MMOD	12 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C62-MMOD	24 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-48C62-MMOD	48 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-72C62-MMOD	72 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK

■ Ordering Information :- Outdoor Armored Distribution Cable

Multi Mode OM2 Cable

Part No.	Description	Packaging	Color
AF-4C50-MMOD	4 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C50-MMOD	6 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C50-MMOD	8 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C50-MMOD	12 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C50MMOD	24 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-48C50-MMOD	48 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-72C50-MMOD	72 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK

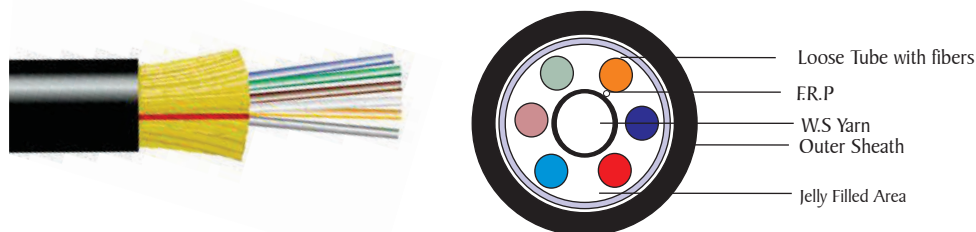
Multi Mode OM3 Cable

Part No.	Description	Packaging	Color
AF-4C50-MM3-OD	4 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C50-MM3-OD	6 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C50-MM3-OD	8 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C50-MM3-OD	12 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C50-MM3-OD	24 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-48C50-MM3-OD	48 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-72C50-MM3-OD	72 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK

Multi Mode OM4 Cable

Part No.	Description	Packaging	Color
AF-4C50-MM4-OD	4 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C50-MM4-OD	6 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C50-MM4-OD	8 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C50-MM4-OD	12 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C50-MM4-OD	24 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-48C50-MM4-OD	48 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-72C50-MM4-OD	72 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK

I Indoor/Outdoor Loose Tube Cable



I Description

AVAYO cables are composed of several non buffered fibers together under the same jacket served with aramid yarns and jacketed with black, UV resistant PVC or LSZH compound. This cable is made with the loose tubes filled with gel or water absorbent powder to prevent harm to the fibers from water. It can be used in conduits, strung overhead or buried directly into the ground.

I Applications and Standards

- Halogen free and UV resistant design
- Indoor/ out door applications
- Gigabit Ethernet applications.
- As per TIA-568-C.3, ISO/IEC 11801
- Single mode and Multi mode Types

I Configuration and Physical Characters

Fiber Count	: 4, 6, 8, 12 and 24 fibers
Type	: 9/125 Single Mode Fiber, 62.5/125 Multimode fiber 50/125 Multi mode fiber
Buffer Material	: No Buffer (color coded fibers)
Fiber OD	: $245 \pm 10\mu\text{m}$ with UV coating and colored to $250 \pm 15\mu\text{m}$
Strength Element	: Aramid yarns, 0.2mm
Loose Tube Material	: PVC compound or LSZH (Halogen free flame retardant)
Jacket Color	: Black
Minimum Bend Radius	: 15 x OD mm Short Term 10 x OD mm Long Term

Fiber optic Characteristic

Fiber Standard Multimode	Core / Cladding	Effective Modal BW 850nm(Km)	Overall Launch BW 850 nm(Km)	Attenuation 850nm(dB/Km)	Attenuation 1300nm(dB/Km)	Data Rate over Distance (meter)
OM 1	62.5/125	200MHz	200MHz	3.5	1.0	1 GB - 300M
OM 1+	62.5/125	500MHz	350MHz	3.5	1.0	1 GB - 500M
OM 2	50.5/125	500MHz	500MHz	3.5	1.0	1 GB - 600M
OM 2+	50.5/125	950MHz	700MHz	3.0	1.0	1 GB - 750M 10 GB - 150M
OM 3	50.5/125	2000MHz	1500MHz	3.0	1.0	1 GB - 1000M 10 GB - 300M
OM 4	50.5/125	4700MHz	3500MHz	3.0	1.0	1 GB - 1100M 10 GB - 550M
Single Mode	9/125			<0.40@1310m	<0.25@1550nm	

Long Term Tension Allowed : 66 N

Short Term Tension Allowed : 120 N

Operating Temperature : -40°C to + 70°C

Marking on Jacket : AVAYO/cable description/meter mark

Ordering Information:- Indoor/Outdoor Loose Tube Cable

Single Mode Cable

Part No.	Description	Packing	Color
AF-4C9-LTIDOD	4 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-6C9-LTIDOD	6 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-8C9-LTDOD	8 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-12C9-LTDOD	12 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-24C9-LTDOD	24 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK

Multi Mode OMI Cable

Part No.	Description	Packing	Color
AF-4C62-LTIDOD	4 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C62-LTIDOD	6 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C62-LTIDOD	8 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C62-LTIDOD	12 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C962-LTIDOD	24 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK

Multi Mode OM2 Cable

Part No.	Description	Packing	Color
AF-4C50-LTIDOD	4 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C50-LTIDOD	6 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C50-LTIDOD	8 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C50-LTIDOD	12 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C50-LTIDOD	24 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK

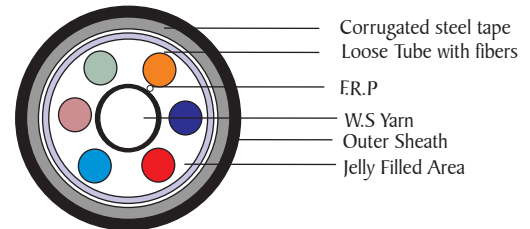
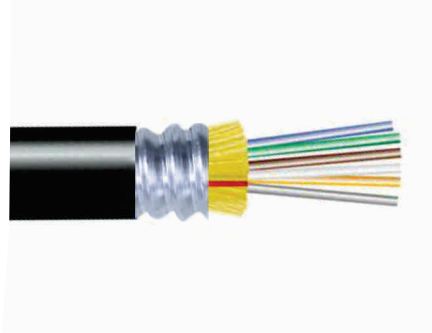
Multi Mode OM3 Cable

Part No.	Description	Packing	Color
AF-4C50-LT3-IDOD	4 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C50-LT3-IDOD	6 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C50-LT3-IDOD	8 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C50-LT3-IDOD	12 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C50-LT3-IDOD	24 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK

Multi Mode OM4 Cable

Part No.	Description	Packing	Color
AF-4C50-LT4-IDOD	4 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C50-LT4-IDOD	6 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C50-LT4-IDOD	8 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C50-LT4-IDOD	12 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C50-LT4-IDOD	24 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK

Outdoor Armored Loose Tube Cable



Description

AVAYO cables are composed of several non buffered fibers together under the same jacket served with aramid yarns and jacketed with black, UV resistant PVC or LSZH compound. In addition to that a layer of corrugated steel armor covered with a black, UV resistant PE outer jacket render the cable suitable for harsh environments and rodent-infested areas. This cable is made with the loose tubes filled with gel or water absorbent powder to prevent harm to the fibers from water. It can be used in conduits, strung overhead or buried directly into the ground.

Applications and Standards

- Halogen free and UV resistant design
- Indoor / outdoor applications
- Gigabit Ethernet applications.
- As per TIA-568-C.3, ISO/IEC 11801
- Single mode and Multi mode Types

Configuration and Physical Characters

Fiber Count	: 4, 6, 8, 12 and 24 fibers
Type	: 9/125 Single Mode Fiber 62.5/125 & 50/125 Multi mode fiber
Buffer Material	: No Buffer (color coded fibers)
Fiber OD	: $245 \pm 10\mu\text{m}$ with UV coating and colored to $250 \pm 15\mu\text{m}$
Strength Element	: Aramid yarns, 0.2mm
Loose Tube Material	: PVC compound or LSZH (Halogen free flame retardant)
Core Wrap Material	: Water Blocking Tape
Tube Filling Gel	: Thixotropic Gel

Jacket Color : Black

Armor Type : 0.15mm corrugated steel tape, rodent resistant

Outer Jacket : UV resistant PE compound, Black color

Minimum Bend Radius: 15 x OD mm Short Term
10 x OD mm Long Term

■ Fiber Optic Characteristic:

Fiber Standard Multimode	Core/cladding	Effective Modal BW 850nm (KHz)	Overall Launch BW 850nm (KHz)	Attenuation 850nm (dB/Km)	Attenuation 1300nm (dB/Km)	Data Rate over Distance(Meter)
OM 1	62.5/125	200 MHz	200 MHz	3.5	1.0	1GB - 300M
OM1 +	62.5/125	500 MHz	350 MHz	3.5	1.0	1GB - 500M
OM2	50/125	500 MHz	500 MHz	3.5	1.0	1GB - 600M
OM2 +	50/125	950 MHz	700 MHz	3.0	1.0	1GB - 750M 10GB - 150M
OM 3	50/125	2000 MHz	1500 MHz	3.0	1.0	1GB - 1000M 10GB - 300M
OM 4	50/125	4700 MHz	3500 MHz	3.0	1.0	1GB - 1100M 10GB - 550M
Single Mode	9/125			<0.40@1310nm	<0.25@1550nm	

Long Term Tension Allowed : 66 N

Short Term Tension Allowed : 120 N

Operating Temperature : -40°C to + 70°C

Marking on Jacket : AVAYO / cable description/meter mark

■ Ordering Information :- Outdoor Armored Loose Tube Cable

Single Mode Cable

Part No.	Description	Packaging	Color
AF-4C9-LTOD	4 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-6C9-LTOD	6 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-8C9-LTOD	8 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-12C9-LTOD	12 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-24C9-LTOD	24 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK

Multi Mode OM1 Cable

Part No.	Description	Packaging	Color
AF-4C62-LTOD	4 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C62-LTOD	6 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C62-LTOD	8 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C62-LTOD	12 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C62-LTOD	24 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK

Multi Mode OM2 Cable

Part No.	Description	Packaging	Color
AF-4C50-LTOD	4 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C50-LTOD	6 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C50-LTOD	8 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C50-LTOD	12 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C50-LTOD	24 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK

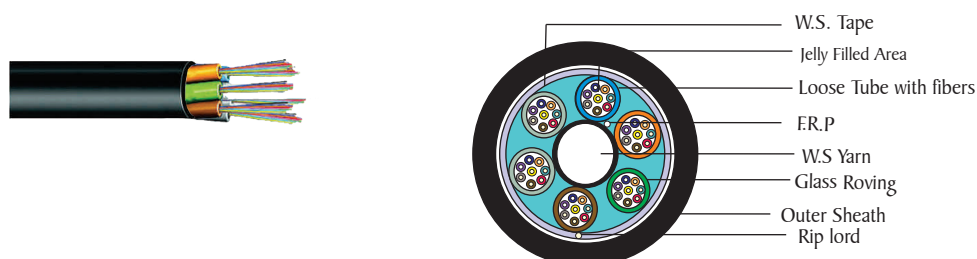
Multi Mode OM3 Cable

Part No.	Description	Packaging	Color
AF-4C50-LT3-OD	4 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C50-LT3-OD	6 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C50-LT3-OD	8 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C50-LT3-OD	12 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C50-LT3-OD	24 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK

Multi Mode OM4 Cable

Part No.	Description	Packaging	Color
AF-4C50-LT4-OD	4 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C50-LT4-OD	6 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C50-LT4-OD	8 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C50-LT4-OD	12 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C50-LT4-OD	24 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK

I Indoor/Outdoor Stranded Loose Tube Cable



I Description

AVAYO cables are composed of several non buffered fibers sub grouped into multi PE Jackets served with aramid yarns and then jacketed together with black, UV resistant LSZH compound. This cable is made with the loose tubes filled with gel or water absorbent powder to prevent harm to the fibers from water. It can be used in conduits, strung overhead or buried directly into the ground.

I Applications and Standards

- Halogen free and UV resistant design
- Indoor/ out door applications
- Gigabit Ethernet applications.
- As per TIA-568-C.3, ISO/IEC 11801
- Single mode and Multi mode Types

I Configuration and Physical Characters

Fiber Count	: 4, 6, 8, 12, 24, 48, 72, 96 and 144 fibers
Type	: 9/125 Single Mode Fiber 62.5 /125 & 50/125 Multi mode fiber
Buffer Material	: No Buffer (color coded fibers)
Fiber OD	: $245 \pm 10\mu\text{m}$ with UV coating and colored to $250 \pm 15\mu\text{m}$
Strength Element	: Aramid yarns, 0.2mm
Loose Tube Material	: PVC compound or LSZH (Halogen free flame retardant)
Jacket Color	: Black
Minimum Bend Radius	: 15 x OD mm Short Term 10 x OD mm Long Term

Fiber optic Characteristic

Fiber Standard Multimode	Core / Cladding	Effective Modal BW 850nm(Km)	Overall Launch BW 850 nm(Km)	Attenuation 850nm(dB/Km)	Attenuation 1300nm(dB/Km)	Data Rate over Distance (meter)
OM 1	62.5/125	200MHz	200MHz	3.5	1.0	1 GB - 300M
OM 1+	62.5/125	500MHz	350MHz	3.5	1.0	1 GB - 500M
OM 2	50.5/125	500MHz	500MHz	3.5	1.0	1 GB - 600M
OM 2+	50.5/125	950MHz	700MHz	3.0	1.0	1 GB - 750M 10 GB - 150M
OM 3	50.5/125	2000MHz	1500MHz	3.0	1.0	1 GB - 1000M 10 GB - 300M
OM 4	50.5/125	4700MHz	3500MHz	3.0	1.0	1 GB - 1100M 10 GB - 550M
Single Mode	9/125			<0.40@1310m	<0.25@1550nm	

Long Term Tension Allowed : 66 N

Short Term Tension Allowed : 120 N

Operating Temperature : -40°C to + 70°C

Marking on Jacket : AVAYO/cable description/meter mark

Ordering Information:- Indoor/Outdoor Stranded Loose Tube Cable

Single Mode Cable

Part No.	Description	Packing	Color
AF-4C9-SLT-IDOD	4 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-6C9-SLT-IDOD	6 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-8C9-SLT-IDOD	8 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-12C9-SLT-IDOD	12 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-24C9-SLT-IDOD	24 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-48C9-SLT-IDOD	48 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-72C9-SLT-IDOD	72 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-96C9-SLTIDOD	96 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-144C9-SLTIDOD	144 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK

Multi Mode OMI Cable

Part No.	Description	Packing	Color
AF-4C62-SL-TIDOD	4 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C62-SL-TIDOD	6 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C62-SLT-IDOD	8 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C62-SLT-IDOD	12 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C62-SLT-IDOD	24 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-48C62-SLT-IDOD	48 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-72C62-SLT-IDOD	72 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-96C62-SLT-IDOD	96 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-144C62-SLT-IDOD	144 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK

Multi Mode OM2 Cable

Part No.	Description	Packing	Color
AF-4C50-SLT-IDOD	4 CORE50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C50-SLT-IDOD	6 CORE50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C50-SLT-IDOD	8 CORE50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C50-SLT-IDOD	12 CORE50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C50-SLT-IDOD	24 CORE50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-48C50-SLT-IDOD	48 CORE50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-72C50-SLT-IDOD	72 CORE50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-96C50-SLT-IDOD	96 CORE50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-144C50-SLT-IDOD	144 CORE50/125 MULTI MODE CABLE	1000 MTR	BLACK

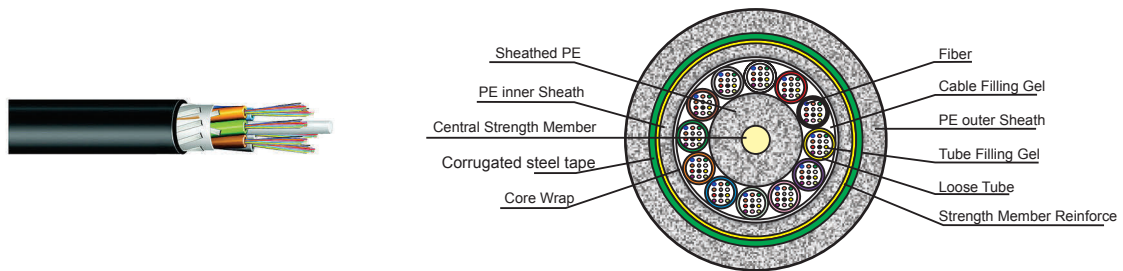
Multi Mode OM3 Cable

Part No.	Description	Packing	Color
AF-4C50-SLT3-IDOD	4 CORE50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C50-SLT3-IDOD	6 CORE50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C50-SLT3-IDOD	8 CORE50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C50-SLT3-IDOD	12 CORE50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C50-SLT3-IDOD	24 CORE50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-48C50-SLT3-IDOD	48 CORE50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-72C50-SLT3-IDOD	72 CORE50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-96C50-SLT3-IDOD	96 CORE50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-144C50-SLT3-IDOD	144 CORE50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK

Multi Mode OM4 Cable

Part No.	Description	Packing	Color
AF-4C50-SLT4-IDOD	4 CORE50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C50-SLT4-IDOD	6 CORE50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C50-SLT4-IDOD	8 CORE50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C50-DLT4-IDOD	12 CORE50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C50-SLT4-IDOD	24 CORE50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-48C50-LT4-IOD	48 CORE50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-72C50-SLT4-IDOD	72 CORE50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-96C50-SLT4-IDOD	96 CORE50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-144C50-SLT4-IDOD	144 CORE50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK

Outdoor Armored Stranded Loose Tube Cable



Description

AVAYO cables are composed of several non buffered fibers sub grouped into multi PE Jackets served with aramid yarns and then jacketed together with black, UV resistant PVC or LSZH compound. In addition to that a layer of corrugated steel armor covered with a black, UV resistant PE outer jacket render the cable suitable for harsh environments and rodent-infested areas. This cable is made with the loose tubes filled with gel or water absorbent powder to prevent harm to the fibers from water. It can be used in conduits, strung overhead or buried directly into the ground.

Applications and Standards

- Halogen free and UV resistant design
- Indoor/ out door applications
- Gigabit Ethernet applications.
- As per TIA-568-C.3, ISO/IEC 11801
- Single mode and Multi mode Types

Configuration and Physical Characters

Fiber Count	:	4, 6, 8, 12, 24, 48, 72, 96 and 144 fibers
Type	:	9/125 Single Mode Fiber 62.5/125 & 50/125 Multi mode fiber
Buffer Material	:	No Buffer (color coded fibers)
Fiber OD	:	245 +- 10um with UV coating and colored to 250 +- 15um
Strength Element	:	Aramid yarns, 0.2mm
Loose Tube Material	:	PVC compound or LSZH (Halogen free flame retardant)
Core Wrap Material	:	Water Blocking Tape
Tube Filling Gel	:	Thixotropic Gel

Jacket Color	:	Black
Armor Type	:	0.15mm corrugated steel tape, rodent resistant
Outer Jacket	:	UV resistant PE compound, Black color
Minimum Bend Radius	:	15 x OD mm Short Term 10 x OD mm Long Term

Fiber Optic Characteristic

Fiber Standard Multimode	Core/cladding	Effective Modal BW 850nm (Km)	Overall Launch BW 850nm (Km)	Attenuation 850nm (dB/Km)	Attenuation 1300nm (dB/Km)	Data Rate over Distance(Meter)
OM 1	62.5/125	200 MHz	200 MHz	3.5	1.0	1GB - 300M
OM1+	62.5/125	500 MHz	350 MHz	3.5	1.0	1GB - 500M
OM2	50/125	500 MHz	500 MHz	3.5	1.0	1GB - 600M
OM2+	50/125	950 MHz	700 MHz	3.0	1.0	1GB - 750M 10GB - 150M
OM 3	50/125	2000 MHz	1500 MHz	3.0	1.0	1GB - 1000M 10GB - 300M
OM 4	50/125	4700 MHz	3500 MHz	3.0	1.0	1GB - 1100M 10GB - 550M
Single Mode	9/125			<0.40@1310nm	<0.25@1550nm	

Long Term Tension Allowed	:	66 N
Short Term Tension Allowed	:	120 N
Operating Temperature	:	-40°C to + 70°C
Marking on Jacket	:	AVAYO/cable description/meter mark

Ordering Information :- Outdoor Armored Stranded Loose Tube Cable

Single Mode Cable

Part No.	Description	Packaging	Color
AF-4C9-SLTOD	4 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-6C9-SLTOD	6 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-8C9-SLTOD	8 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-12C9-SLTOD	12 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-24C9-SLTOD	24 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-48C9-SLTOD	48 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-72C9-SLTOD	72 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-96C9-SLTOD	96 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK
AF-144C9-SLTOD	144 CORE 9/125 SINGLE MODE CABLE	1000 MTR	BLACK

Multi Mode OM1 Cable

Part No.	Description	Packaging	Color
AF-4C62-LTOD	4 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C62-LTOD	6 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C62-LTOD	8 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C62-LTOD	12 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C62-LTOD	24 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-48C62-LTOD	24 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-72C62-LTOD	72 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-96C62-LTOD	96 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-144C62-LTOD	144 CORE 62.5/125 MULTI MODE CABLE	1000 MTR	BLACK

Multi Mode OM2 Cable

Part No.	Description	Packaging	Color
AF-4C50-SLTOD	4 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C50-SLTOD	6 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C50-SLTOD	8 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C50-SLTOD	12 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C50-SLTOD	24 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-48C50-SLTOD	48 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-72C50-SLTOD	72 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-96C50-SLTOD	96 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK
AF-144C50-SLTOD	144 CORE 50/125 MULTI MODE CABLE	1000 MTR	BLACK

Multi Mode OM3 Cable

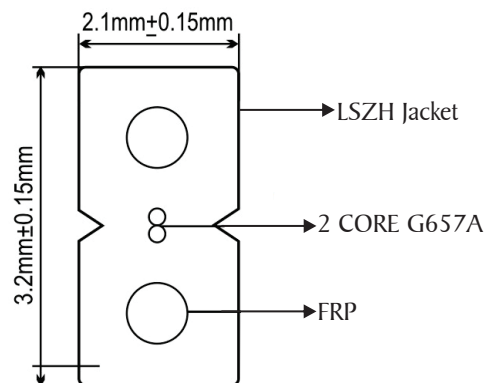
Part No.	Description	Packaging	Color
AF-4C50-SLT3-OD	4 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C50-SLT3-OD	6 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C50-SLT3-OD	8 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C50-SLT3-OD	12 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C50-SLT3-OD	24 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-48C50-SLT3-OD	48 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-72C50-SLT3-OD	72 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-96C50-SLT3-OD	96 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK
AF-144C50-SLT3-OD	144 CORE 50/125 OM3 MULTI MODE CABLE	1000 MTR	BLACK

Multi Mode OM4 Cable

Part No.	Description	Packaging	Color
AF-4C50-SLT4-OD	4 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-6C50-SLT4-OD	6 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-8C50-SLT4-OD	8 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-12C50-SLT4-OD	12 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-24C50-SLT4-OD	24 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-48C50-SLT4-OD	48 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-72C50-SLT4-OD	72 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-96C50-SLT4-OD	96 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK
AF-144C50-SLT4-OD	144 CORE 50/125 OM4 MULTI MODE CABLE	1000 MTR	BLACK

FTTH Cable

Indoor FTTH Drop Cable



Description

AVAYO FTTH drop cable for connecting Network Access Point to the subscriber premises is designed with attributes such as flexibility, less weight, smaller diameter, ease of fiber access and termination. These cables are designed for indoor and out door applications with the optical cores in the centre protected and the parallel FRP on both sides. The outer jacket material is with LSZH compound.

Applications and Standards

- Single Mode fiber G652D and G657A.
- Small bend radius
- Easy to strip, install and distribute.
- Anti interference and anti side pulling
- Good flame resistance LSZH

Configuration and Physical Characters

Fiber Count	: 1, 2 and 4 fibers	
Type	: 9/125 Single Mode Fiber	
Cladding diameter(um)	: 124.8±0.7)	
Cladding non- circularity(%)	: <0.7	
Cord/Cladding concentricity(um)	: <0.5	
Mode field diameter(um)	: at 1310nm	9.0±0.4
	: at 1550nm	10.1±0.5
Coating diameter (um)	245±0.5	
Inner coating/Cladding concentricity(um) :	<12.0	
Cut-off wavelength(nm)	: Accf<1260	
Attenuation (dB/km)	: 1310nm	<0.35
	: 1550nm	<0.21
Allowed Crusion (N/10mn)	Allowed Tension(N)	
	Long Term	100
	Short Term	150
	Long Term	200
	Short Term	1000

Min.Bend Radius (mm)

Bend Radius(mm)	Dynamic	Static
G 652D	30	15
G 657A	15	10

Ordering Information:- Indoor FTTH Drop Cable

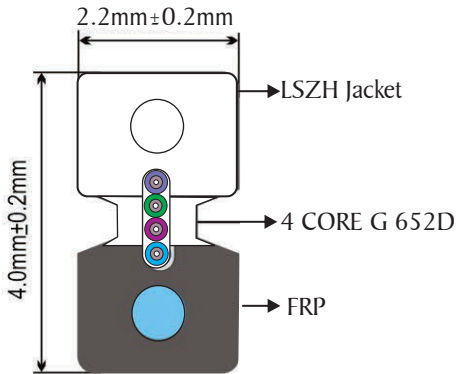
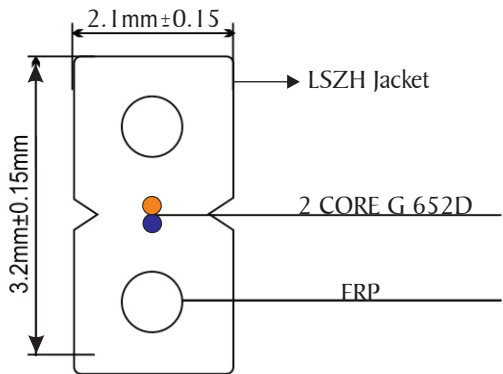
Part No.	Description	Packing	Color
AVE-2C9125-SMLS	2CORE 9/125 SINGLE MODE G 652D INDOOR FLAT CABLE	2000 MTR	WHITE
AVE-2C657A-SMLS	2CORE 9/125 SINGLE MODE G 657A INDOOR FLAT CABLE	2000 MTR	WHITE
AF-2C9-SMID	2CORE 9/125 SINGLE MODE G 652D INDOOR ROUND CABLE	1000 MTR	YELLOW/ ORANGE
AVE-4C9125-SMLS	4CORE 9/125 SINGLE MODE G 652D INDOOR FLAT CABLE	2000 MTR	WHITE



2 Core Round Cable

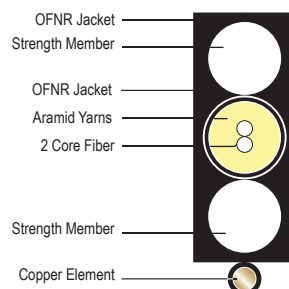


2 Core Flat Cable



FTTH Cable

Outdoor FTTH Cable



Features

UV Resistant , Water Blocking
Small Bend Radius
Outdoor Purpose
Easy for installing
Good Flame Resistance

Fiber Type

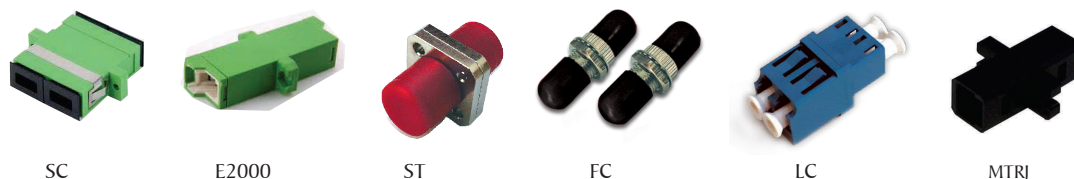
SM G652D

No. Of Fiber Core	: 2 Core
Cladding diameter (um)	: 124.8+-0.7
Cladding non-circularity(%)	: <0.7
Cord/Cladding concentricity(um)	: <0.5
Mode field diameter(um)	: at 1310nm 9.0+-0.4 at 1550nm 10.1+-0.5
Coating diameter (um)	: 245+-5
Inner coating /Cladding concentricity(um)	: <12.0
Cut-off wave length(nm)	: Accf <1280
Attenuation (dB/km)	: 1310nm <0.35 1550nm <0.21
Allowed Tension (N)	: Long Term 100 Short Term 150
Allowed Crusion (N/10mm)	: Long Term 200 Short Term 1000
Min . Bend Radius (mm)	: Dynamic 30 Static 15

Ordering Information

Part No.	Description	Length	Length
AF-2C9-SMOD	2 Core 9/125 single mode Outdoor drop Cable Black Color	2000 MTR	BLACK
AF-2C9R-SMOD	2 Core 9/125 single mode Outdoor Round Cable Black Color	1000 MTR	BLACK

Fiber Optic Adapters



Description

AVAYO fiber optic adapters are available in different types such as LC, SC, SC/APC, ST, FC, FC/APC, MTRJ and E2000 in simplex and duplex forms. The connectors and adapters are compatible with all fiber types including Single mode 9/125 microns, Multimode 50/125 microns and Multimode 62.5/125 microns fibers

Applications and Standards

- Inter connect applications
- Gigabit Ethernet applications.
- As per TIA-568-C.3, IEC 60874
- Optical LAN and CATV

Configuration and Physical Characters

Fiber Microns	:	9/125 Single Mode Fiber 62.5/125 and 50/125 Multi mode fiber
Connecting Types	:	SC, LC, FC & ST, MTRJ & E 2000
Polished end face	:	PC, APC, UPC
Ferrule Material	:	Ceramic, Zirconia or Phosphor Bronze
Housing Material	:	Thermoplastic
Boot Material	:	Polyester

Parameter

Parameter	Unit	SINGLE MODE SC, LC, FC, ST			MULTI MODE SC, LC, FC, ST
		PC	UPC	APC	PC
Insertion Loss	dB	0.3	0.2	0.3	0.2
Return Loss	dB	45	50	60	30
Durability	Times	>1000	>1000	>1000	>1000
Exchangeability	dB	0.2	0.2	0.2	0.2
Repeatability	dB	0.2	0.2	0.2	0.2

Operating Temperature	:	-40-75 0C
Storage Temperature	:	-45 – 85 0C

Ordering Information Adapter : Multimode

Part No.	Description	Packaging
AF-SCD/S-AMM	SC Multimode Duplex/Simplex	01 pcs
AF-LCD/S-AMM	LC Multimode Duplex/Simplex	01 pcs
AF-STD/S-AMM	ST Multimode Duplex/Simplex	01 pcs
AF-FCD/S-AMM	FC Multimode Duplex/Simplex	01 pcs
AF-MTD/S-AMM	MTRJ Multimode Duplex/Simplex	01 pcs
AF-E2D/S-AMM	E 2000 Multimode Duplex/Simplex	01 pcs

Ordering Information Adapter : Single mode

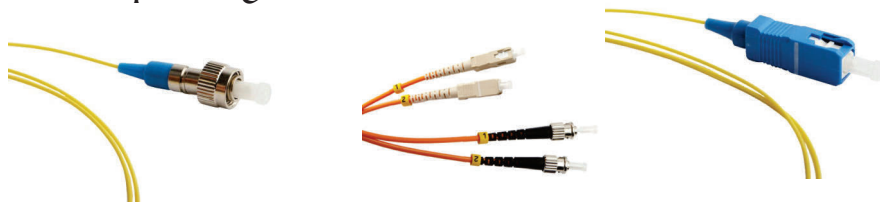
Part No.	Description	Packaging
AF-SC/D/S/A-ASM	SC Single mode Duplex/Simplex	01 pcs
AF-LC/D/S/A-ASM	LC Single mode Duplex/Simplex	01 pcs
AF-ST/D/S/A-ASM	ST Single mode Duplex/Simplex	01 pcs
AF-FC/D/S/A-ASM	FC Single mode Duplex/Simplex	01 pcs
AF-MT/D/S/A-ASM	MTRJ Multimode Duplex/Simplex	01 pcs
AF-E2/D/S/A-ASM	E 2000 Multimode Duplex/Simplex	01 pcs

D- Duplex

S- Simplex

A- APC

Fiber Optic Pigtails



Description

AVAYO fiber optic pigtails consists of a single mode or multimode fiber cord, one end with connector and other end open for direct joining. The connector types are LC, SC, SC/APC, ST, FC, FC/APC, MTRJ, & E2000 in simplex, duplex and multi bundle forms.

Applications and Standards

- Inter connect applications
- Gigabit Ethernet applications.
- As per TIA-568-C.3, IEC 60874
- Optical LAN and CATV

Configuration and Physical Characters

Fiber Count	: 1 – 12 fibers
Type	: Single Mode Fiber 62.5/125 and 50/125 Multi mode fiber
Buffer Material	: PVC compound or LSZH (Halogen free flame retardant)
Strength Element	: Aramid or E-glass Yarn
Jacket Material	: PVC compound or LSZH (Halogen free flame retardant)
Jacket Color	: Yellow for Single Mode Orange for Multimode 62.5/125 and 50/125 Aqua for 50/125 OM3 and 50/125 OM4
Operating Temperature	: -40°C - 75°C
Relative Humidity	: 95%
Cable Diameter	: 3.0, 2.0, 0.9 mm
Marking on Jacket	: AVAYO / cable description/meter mark

Parameter

Parameter	Unit	Single Mode			Multimode
		PC	UPC	APC	PC
Insertion Loss	dB	0.3	0.2	0.3	0.2
Return Loss	dB	45	50	60	30
Durability	Times	> 1000	> 1000	> 1000	> 1000
Exchangeability	dB	0.2	0.2	0.2	0.2
Repeatability	dB	0.2	0.2	0.2	0.2

■ Ordering Information Multimode Pigtail - Simplex

OM 1	OM 2	OM 3	OM 4	Description
AF-62S-SC-XM	AF-50S-SC-XM	AF-50S3-SC-XM	AF-50S4-SC-XM	SC SIMPLEX PIGTAIL
AF-62S-LC-XM	AF-50S-LC-XM	AF-50S3-LC-XM	AF-50S4-LC-XM	LC SIMPLEX PIGTAIL
AF-62S-FC-XM	AF-50S-FC-XM	AF-50S3-FC-XM	AF-50S4-FC-XM	FC SIMPLEX PIGTAIL
AF-62S-ST-XM	AF-50S-ST-XM	AF-50S3-ST-XM	AF-50S4-ST-XM	ST SIMPLEX PIGTAIL
AF-62S-MT-XM	AF-50S-MT-XM	AF-50S3-MT-XM	AF-50S4-MT-XM	MTRJ SIMPLEX PIGTAIL
AF-62S-E2-XM	AF-50S-E2-XM	AF-50S3-E2-XM	AF-50S4-E2-XM	E2000 SIMPLEX PIGTAIL

X-1,2,3 & 5 mtr

Multimode Pigtail - Duplex

OM 1	OM 2	OM 3	OM 4	Description
AF-62D-SC-XM	AF-50D-SC-XM	AF-50D3-SC-XM	AF-50D4-SC-XM	SC DUPLEX PIGTAIL
AF-62D-LC-XM	AF-50D-LC-XM	AF-50D3-LC-XM	AF-50D4-LC-XM	LC DUPLEX PIGTAIL
AF-62D-FC-XM	AF-50D-FC-XM	AF-50D3-FC-XM	AF-50D4-FC-XM	FC DUPLEX PIGTAIL
AF-62D-ST-XM	AF-50D-ST-XM	AF-50D3-ST-XM	AF-50D4-ST-XM	ST DUPLEX PIGTAIL
AF-62D-MT-XM	AF-50D-MT-XM	AF-50D3-MT-XM	AF-50D4-MT-XM	MTRJ DUPLEX PIGTAIL
AF-62D-E2-XM	AF-50D-E2-XM	AF-50D3-E2-XM	AF-50D4-E2-XM	E2000 DUPLEX PIGTAIL

X-1,2,3 & 5 mtr

Single mode Pigtail - Simplex

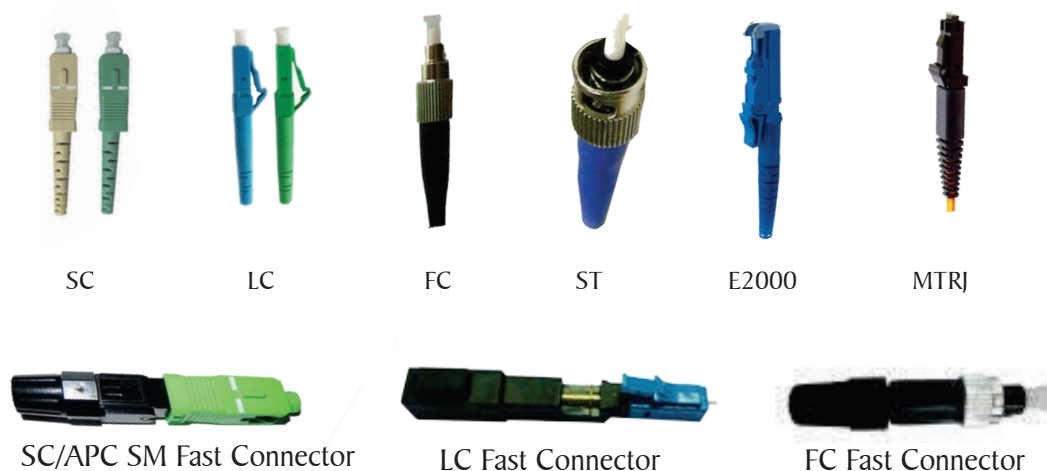
PC	APC	OM 3	OM 4	Description
AF-9S-SC-XM	AF-9S-SC-XM	AF-9S3-SC-XM	AF-9S4-SC-XM	SC SIMPLEX PIGTAIL
AF-9S-LC-XM	AF-9S-LC-XM	AF-9S3-LC-XM	AF-9S4-LC-XM	LC SIMPLEX PIGTAIL
AF-9S-FC-XM	AF-9S-FC-XM	AF-9S3-FC-XM	AF-9S4-FC-XM	FC SIMPLEX PIGTAIL
AF-9S-ST-XM	AF-9S-ST-XM	AF-9S3-ST-XM	AF-9S4-ST-XM	ST SIMPLEX PIGTAIL
AF-9S-MT-XM	AF-9S-MT-XM	AF-9S3-MT-XM	AF-9S4-MT-XM	MTRJ SIMPLEX PIGTAIL
AF-9S-E2-XM	AF-9S-E2-XM	AF-9S3-E2-XM	AF-9S4-E2-XM	E2000 SIMPLEX PIGTAIL

X-1,2,3 & 5 mtr

Single mode Pigtail - Duplex

PC	APC	OM 3	OM 4	Description
AF-9D-SC-XM	AF-9D-SC-XM	AF-9D3-SC-XM	AF-9D4-SC-XM	SC DUPLEX PIGTAIL
AF-9D-LC-XM	AF-9D-LC-XM	AF-9D3-LC-XM	AF-9D4-LC-XM	LC DUPLEX PIGTAIL
AF-9D-FC-XM	AF-9D-FC-XM	AF-9D3-FC-XM	AF-9D4-FC-XM	FC DUPLEX PIGTAIL
AF-9D-ST-XM	AF-9D-ST-XM	AF-9D3-ST-XM	AF-9D4-ST-XM	ST DUPLEX PIGTAIL
AF-9D-MT-XM	AF-9D-MT-XM	AF-9D3-MT-XM	AF-9D4-MT-XM	MTRJ DUPLEX PIGTAIL
AF-9D-E2-XM	AF-9D-E2-XM	AF-9D3-E2-XM	AF-9D4-E2-XM	E2000 DUPLEX PIGTAIL

Fiber Optic Connector



Description

AVAYO fiber optic Connectors are available in different types such as LC, SC, SC/APC, ST, FC, FC/APC, MTRJ and E2000. The connectors are either epoxy type or fast connectors and are available for all fiber types including Single mode 9/125 microns, Multimode 50/125 microns and Multimode 62.5/125 microns fibers

Applications and Standards

- Inter connect applications
- Gigabit Ethernet applications.
- As per TIA-568-C.3, IEC 60874
- Optical LAN and CATV

Fast Connectors

- Fast & easy termination
- No polishing required
- Low cost and user friendly installation

Configuration and Physical Characters

Fiber Microns	:9/125 Single Mode Fiber 62.5/125 and 50/125 Multi mode fiber
Connecting Types	: SC, LC, FC, ST, MTRJ & E2000
Polished end face	:PC, APC, UPC / Fast Connectors
Ferrule Material	:Ceramic, Zirconia or Phosphor Bronze
Housing Material	:Thermoplastic
Boot Material	:Polyester

Connectors

Parameter

Parameter	Unit	Single Mode			Multimode
		PC	UPC	APC	PC
Insertion Loss	dB	0.3	0.2	0.3	0.2
Return Loss	dB	45	50	60	30
Durability	Times	> 1000	> 1000	> 1000	> 1000
Exchangeability	dB	0.2	0.2	0.2	0.2
Repeatability	dB	0.2	0.2	0.2	0.2

Ordering Information Connector

Part No.	Description	Packaging
AF-SC-CMM	SC Single mode Connectors	01 pcs
AF-LC-CMM	LC Single mode Connectors	01 pcs
AF-ST-CMM	ST Single mode Connectors	01 pcs
AF-FC-CMM	FC Single mode Connectors	01 pcs
AF-MT-CMM	MTRJ Single mode Connectors	01 pcs
AF-E2-CMM	E2000 Single mode Connectors	01 pcs

Part No.	Description	Packaging
AF-SC/SCA-CSM	SC Single mode Connectors	01 pcs
AF-LC/SCA-CSM	LC Single mode Connectors	01 pcs
AF-ST/SCA-CSM	ST Single mode Connectors	01 pcs
AF-FC/SCA-CSM	FC Single mode Connectors	01 pcs
AF-MT/SCA-CSM	MTRJ Single mode Connectors	01 pcs
AF-E2/SCA-CSM	E2000 Single mode Connectors	01 pcs

A- APC

Ordering Information Fast Connectors

Part No.	Description
AF-SCF-CMM	SC Multi mode Fast Connector
AF-LCF-CMM	LC Multi mode Fast Connector
AF-FCF-CMM	FC Multi mode Fast Connector
AF-SCF/SCFA-CSM	SC Single mode Fast Connector
AF-LCF/SCFA-CSM	LC Single mode Fast Connector
AF-FCF/SCFA-CSM	FC Single mode Fast Connector

A- APC

(AF-SCF/A-CSM)

I Fiber Optic Patch Cords



I Description

AVAYO fiber optic patch cord consists of a single mode or multi mode fiber cord with two connectors at each end. The connector types are LC, SC, SC/APC, ST, FC, FC/APC, E2000 and MTRJ in simplex, duplex forms.

I Applications and Standards

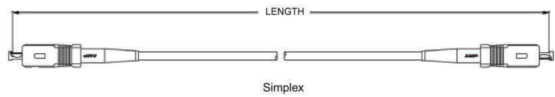
- Inter connect applications
- Gigabit Ethernet applications.
- As per TIA-568-C.3, IEC 60874
- Optical LAN and CATV

I Configuration and Physical Characters:-

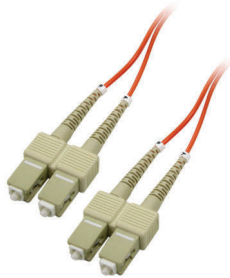
Fiber Count	: 1 – 2 fibers
Type	: 9/125 Single Mode Fiber 62.5/125 and 50/125 Multi mode fiber
Buffer Material	: PVC compound or LSZH (Halogen free flame retardant)
Strength Element	: Aramid or E-glass Yarn
Jacket Material	: PVC compound or LSZH Halogen free flame retardant
Jacket Color	: Yellow for Single Mode Orange for Multimode 62.5/125 and 50/125 Aqua for 50/125 OM3 and 50/125 OM4
Operating Temperature	: -40°C-75°C
Relative Humidity	: 95%
Cable Diameter	: 3.0, 2.0, 0.9 mm
Marking on Jacket	: AVAYO / cable description/meter mark

Patch Cord

■ SC Patch Cord



SC-SC fiber optic patch cord



■ Parameter

PARAMETER		UNIT	SINGLE MODE SC		MULTI MODE SC
			PC	APC	PC
Insertion Loss		dB	0.3	0.3	0.3
Return Loss		dB	50	65	25
Attenuation @ 1300nm		dB	0.2	0.2	0.15
Mating Cycle			500	500	500
Exchangeability		dB	0.1	0.1	0.1
Vibration		dB	0.1	0.1	0.1

■ Ordering Information :-SC Patch cord

Multimode SC Patch cord - Simplex

OM 1	OM 2	OM 3	OM 4	Description
AF-62S-SCSC-XM	AF-50S-SCSC-XM	AF-50S3-SCSC-XM	AF-50S4-SCSC-XM	SC-SC SIMPLEX PATCH CORD
AF-62S-SCLC-XM	AF-50S-SCLC-XM	AF-50S3-SCLC-XM	AF-50S4-SCLC-XM	SC-LC SIMPLEX PATCH CORD
AF-62S-SCFC-XM	AF-50S-SCFC-XM	AF-50S3-SCFC-XM	AF-50S4-SCFC-XM	SC-FC SIMPLEX PATCH CORD
AF-62S-SCST-XM	AF-50S-SCST-XM	AF-50S3-SCST-XM	AF-50S4-SCST-XM	SC-ST SIMPLEX PATCH CORD
AF-62S-SCMT-XM	AF-50S-SCMT-XM	AF-50S3-SCMT-XM	AF-50S4-SCMT-XM	SC-MTRJ SIMPLEX PATCH CORD

X- 1,2,3,5,10,20 & 25 mtr



SC- SC Simplex Patch Cord
(multimode)



SC- LC Simplex Patch Cord
(multimode)

Multimode SC Patch cord - Duplex

OM 1	OM 2	OM 3	OM 4	Description
AF-62D-SCSC-XM	AF-50D-SCSC-XM	AF-50D3-SCSC-XM	AF-50D4-SCSC-XM	SC-SC DUPLEX PATCH CORD
AF-62D-SCLC-XM	AF-50D-SCLC-XM	AF-50D3-SCLC-XM	AF-50D4-SCLC-XM	SC-LC DUPLEX PATCH CORD
AF-62D-SCFC-XM	AF-50D-SCFC-XM	AF-50D3-SCFC-XM	AF-50D4-SCFC-XM	SC-FC DUPLEX PATCH CORD
AF-62D-SCST-XM	AF-50D-SCST-XM	AF-50D3-SCST-XM	AF-50D4-SCST-XM	SC-ST DUPLEX PATCH CORD
AF-62D-SCMT-XM	AF-50D-SCMT-XM	AF-50D3-SCMT-XM	AF-50D4-SCMT-XM	SC-MTRJ DUPLEX PATCH CORD

X- 1,2,3,5,10,20 & 25 mtr



SC-FC Duplex Patch Cord
(multimode)



SC-LC Duplex Patch Cord
(multimode)

Single Mode SC Patch cord - Simplex

PC	APC	Description	Color
AF-9S-SCSC-XM	AF-9S-SCSCA-XM	SC-SC SIMPLEX PATCH CORD	YELLOW
AF-9S-SCLC-XM	AF-9S-SCLCA-XM	SC-LC SIMPLEX PATCH CORD	YELLOW
AF-9S-SCFC-XM	AF-9S-SCFCA-XM	SC-FC SIMPLEX PATCH CORD	YELLOW
AF-9S-SCST-XM	AF-9S-SCSTA-XM	SC-ST SIMPLEX PATCH CORD	YELLOW
AF-9S-SCMT-XM	AF-9S-SCMTA-XM	SC-MTRJ SIMPLEX PATCH CORD	YELLOW

X- 1,2,3,5,10,20 & 25 mtr



SC/APC-SC/APC Simplex Patch Cord
(single mode)



SC-SC Duplex Patch Cord
(single mode)

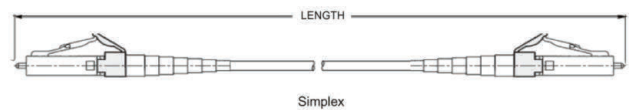
Single Mode SC Patch cord - Duplex

PC	APC	Description	Color
AF-9D-SCSC-XM	AF-9D-SCSCA-XM	SC-SC DUPLEX PATCH CORD	YELLOW
AF-9D-SCLC-XM	AF-9D-SCLCA-XM	SC-LC DUPLEX PATCH CORD	YELLOW
AF-9D-SCFC-XM	AF-9D-SCFCA-XM	SC-FC DUPLEX PATCH CORD	YELLOW
AF-9D-SCST-XM	AF-9D-SCSTA-XM	SC-ST DUPLEX PATCH CORD	YELLOW
AF-9D-SCMT-XM	AF-9D-SCMTA-XM	SC-MTRJ DUPLEX PATCH CORD	YELLOW

X- 1,2,3,5,10,20 & 25 mtr

Patch Cord

LC Patch Cord



LC-LC fiber optic patch cord



Parameter

PARAMETER	UNIT	SINGLE MODE LC		MULTI MODE LC
		PC	APC	PC
Insertion Loss	dB	0.3	0.3	0.3
Return Loss	dB	50	65	25
Attenuation @ 1300nm	dB	0.2	0.2	0.15
Mating Cycle		500	500	500
Exchangeability	dB	0.1	0.1	0.1
Vibration	dB	0.1	0.1	0.1

Ordering Information :-LC Patch cord

Multimode LC Patch cord - Simplex

OM 1	OM 2	OM 3	OM 4	Description
AF-62S-LCSC-XM	AF-50S-LCSC-XM	AF-50S3-LCSC-XM	AF-50S4-LCSC-XM	LC-SC SIMPLEX PATCH CORD
AF-62S-LCLC-XM	AF-50S-LCLC-XM	AF-50S3-LCLC-XM	AF-50S4-LCLC-XM	LC-LC SIMPLEX PATCH CORD
AF-62S-LCFC-XM	AF-50S-LCFC-XM	AF-50S3-LCFC-XM	AF-50S4-LCFC-XM	LC-FC SIMPLEX PATCH CORD
AF-62S-LCST-XM	AF-50S-LCST-XM	AF-50S3-LCST-XM	AF-50S4-LCST-XM	LC-ST SIMPLEX PATCH CORD
AF-62S-LCMT-XM	AF-50S-LCMT-XM	AF-50S3-LCMT-XM	AF-50S4-LCMT-XM	LC-MTRJ SIMPLEX PATCH CORD

X- 1,2,3,5,10,20 & 25 mtr



LC- LC Simplex Patch Cord
(multimode)



LC- LC Simplex Patch Cord
(multimode OM3)

Multimode LC Patch cord - Duplex

OM 1	OM 2	OM 3	OM 4	Description
AF-62D-LCSC-XM	AF-50D-LCSC-XM	AF-50D3-LCSC-XM	AF-50D4-LCSC-XM	LC-SC DUPLEX PATCH CORD
AF-62D-LCLC-XM	AF-50D-LCLC-XM	AF-50D3-LCLC-XM	AF-50D4-LCLC-XM	LC-LC DUPLEX PATCH CORD
AF-62D-LCFC-XM	AF-50D-LCFC-XM	AF-50D3-LCFC-XM	AF-50D4-LCFC-XM	LC-FC DUPLEX PATCH CORD
AF-62D-LCST-XM	AF-50D-LCST-XM	AF-50D3-LCST-XM	AF-50D4-LCST-XM	LC-ST DUPLEX PATCH CORD
AF-62D-LCMT-XM	AF-50D-LCMT-XM	AF-50D3-LCMT-XM	AF-50D4-LCMT-XM	LC-MTRJ DUPLEX PATCH CORD

X- 1,2,3,5,10,20 & 25 mtr



LC- SC Simplex Patch Cord
(Multimode OM3)



LC- SC Simplex Patch Cord
(Multimode)

Single Mode LC Patch cord - Simplex

PC	APC	Description	Color
AF-9S-LCSC-XM	AF-9S-LCSCA-XM	LC-SC SIMPLEX PATCH CORD	YELLOW
AF-9S-LCLC-XM	AF-9S-LCLCA-XM	LC-LC SIMPLEX PATCH CORD	YELLOW
AF-9S-LCFC-XM	AF-9S-LCFC A-XM	LC-FC SIMPLEX PATCH CORD	YELLOW
AF-9S-LCST-XM	AF-9S-LCSTA-XM	LC-ST SIMPLEX PATCH CORD	YELLOW
AF-9S-LCMT-XM	AF-9S-LCMTA-XM	LC-MTRJ SIMPLEX PATCH CORD	YELLOW

X- 1,2,3,5,10,20 & 25 mtr



LC- SC Simplex Patch Cord
(Single mode)



LC- LC Duplex Patch Cord
(Single mode)

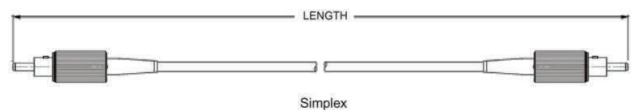
Single Mode LC Patch cord - Duplex

PC	APC	Description	Color
AF-9D-LCSC-XM	AF-9D-LCSCA-XM	LC-SC DUPLEX PATCH CORD	YELLOW
AF-9D-LCLC-XM	AF-9D-LCLCA-XM	LC-LC DUPLEX PATCH CORD	YELLOW
AF-9D-LCFC-XM	AF-9D-LCFC A-XM	LC-FC DUPLEX PATCH CORD	YELLOW
AF-9D-LCST-XM	AF-9D-LCSTA-XM	LC-ST DUPLEX PATCH CORD	YELLOW
AF-9D-LCMT-XM	AF-9D-LCMTA-XM	LC-MTRJ DUPLEX PATCH CORD	YELLOW

X- 1,2,3,5,10,20 & 25 mtr

Patch Cord

FC Patch Cord



FC-FC fiber optic patch cord



Parameter

PARAMETER		UNIT		SINGLE MODE FC		MULTI MODE FC
				PC	APC	PC
Insertion Loss		dB		0.3	0.3	0.3
Return Loss		dB		50	65	25
Attenuation @ 1300nm		dB		0.2	0.2	0.15
Mating Cycle				500	500	500
Exchangeability		dB		0.1	0.1	0.1
Vibration		dB		0.1	0.1	0.1

Ordering Information :-FC Patch cord

Multimode FC Patch cord - Simplex

OM 1	OM 2	OM 3	OM 4	Description
AF-62S-FCSC-XM	AF-50S-FCSC-XM	AF-50S3-FCSC-XM	AF-50S4-FCSC-XM	FC-SC SIMPLEX PATCH CORD
AF-62S-FCLC-XM	AF-50S-FCLC-XM	AF-50S3-FCLC-XM	AF-50S4-FCLC-XM	FC-LC SIMPLEX PATCH CORD
AF-62S-FCFC-XM	AF-50S-FCFC-XM	AF-50S3-FCFC-XM	AF-50S4-FCFC-XM	FC-FC SIMPLEX PATCH CORD
AF-62S-FCST-XM	AF-50S-FCST-XM	AF-50S3-FCST-XM	AF-50S4-FCST-XM	FC-ST SIMPLEX PATCH CORD
AF-62S-FCMT-XM	AF-50S-FCMT-XM	AF-50S3-FCMT-XM	AF-50S4-FCMT-XM	FC-MTRJ SIMPLEX PATCH CORD

X- 1,2,3,5,10,20 & 25 mtr



FC- FC Simplex Patch Cord
(multimode OM3)



FC- FC Simplex Patch Cord
(multimode)

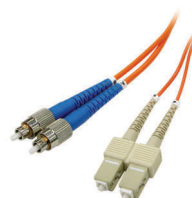
Multimode FC Patch cord - Duplex

OM 1	OM 2	OM 3	OM 4	Description
AF-62D-FCSC-XM	AF-50D-FCSC-XM	AF-50D3-FCSC-XM	AF-50D4-FCSC-XM	FC-SC DUPLEX PATCH CORD
AF-62D-FCLC-XM	AF-50D-FCLC-XM	AF-50D3-FCLC-XM	AF-50D4-FCLC-XM	FC-LC DUPLEX PATCH CORD
AF-62D-FCFC-XM	AF-50D-FCFC-XM	AF-50D3-FCFC-XM	AF-50D4-FCFC-XM	FC-FC DUPLEX PATCH CORD
AF-62D-FCST-XM	AF-50D-FCST-XM	AF-50D3-FCST-XM	AF-50D4-FCST-XM	FC-ST DUPLEX PATCH CORD
AF-62D-FCMT-XM	AF-50D-FCMT-XM	AF-50D3-FCMT-XM	AF-50D4-FCMT-XM	FC-MTRJ DUPLEX PATCH CORD

X- 1,2,3,5,10,20 & 25 mtr



FC- FC Duplex Patch Cord
(multimode)

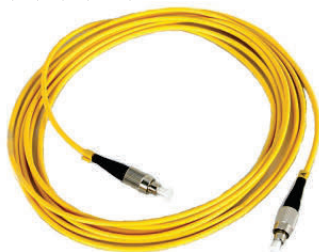


FC- SC Duplex Patch Cord
(multimode)

Single Mode FC Patch cord - Simplex

PC	APC	Description	Color
AF-9S-FCSC-XM	AF-9S-FCSCA-XM	FC-SC SIMPLEX PATCH CORD	YELLOW
AF-9S-FCLC-XM	AF-9S-FCLCA-XM	FC-LC SIMPLEX PATCH CORD	YELLOW
AF-9S-FCFC-XM	AF-9S-FCFCA-XM	FC-FC SIMPLEX PATCH CORD	YELLOW
AF-9S-FCST-XM	AF-9S-FCSTA-XM	FC-ST SIMPLEX PATCH CORD	YELLOW
AF-9S-FCMT-XM	AF-9S-FCMTA-XM	FC-MTRJ SIMPLEX PATCH CORD	YELLOW

X- 1,2,3,5,10,20 & 25 mtr



FC- FC Simplex Patch Cord
(single mode)



FC- FC Duplex Patch Cord
(single mode)

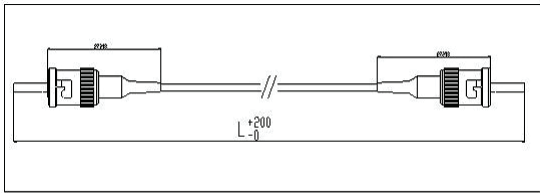
Single Mode FC Patch cord - Duplex

PC	APC	Description	Color
AF-9D-FCSC-XM	AF-9D-FCSCA-XM	FC-SC DUPLEX PATCH CORD	YELLOW
AF-9D-FCLC-XM	AF-9D-FCLCA-XM	FC-LC DUPLEX PATCH CORD	YELLOW
AF-9D-FCFC-XM	AF-9D-FCFCA-XM	FC-FC DUPLEX PATCH CORD	YELLOW
AF-9D-FCST-XM	AF-9D-FCSTA-XM	FC-ST DUPLEX PATCH CORD	YELLOW
AF-9D-FCMT-XM	AF-9D-FCMTA-XM	FC-MTRJ DUPLEX PATCH CORD	YELLOW

X- 1,2,3,5,10,20 & 25 mtr

Patch Cord

ST Patch Cord



ST-ST fiber optic patch cord



Parameter

PARAMETER		UNIT	SINGLE MODE ST		MULTI MODE ST
			PC	APC	PC
Insertion Loss		dB	0.3	0.3	0.3
Return Loss		dB	50	65	25
Attenuation @ 1300nm		dB	0.2	0.2	0.15
Mating Cycle			500	500	500
Exchangeability		dB	0.1	0.1	0.1
Vibration		dB	0.1	0.1	0.1

Ordering Information :-ST Patch cord

Multimode ST Patch cord - Simplex

OM 1	OM 2	OM 3	OM 4	Description
AF-62S-STSC-XM	AF-50S-STSC-XM	AF-50S3-STSC-XM	AF-50S4-STSC-XM	ST-SC SIMPLEX PATCH CORD
AF-62S-STLC-XM	AF-50S-STLC-XM	AF-50S3-STLC-XM	AF-50S4-STLC-XM	ST-LC SIMPLEX PATCH CORD
AF-62S-STFC-XM	AF-50S-STFC-XM	AF-50S3-STFC-XM	AF-50S4-STFC-XM	ST-FC SIMPLEX PATCH CORD
AF-62S-STST-XM	AF-50S-STST-XM	AF-50S3-STST-XM	AF-50S4-STST-XM	ST-ST SIMPLEX PATCH CORD
AF-62S-STMT-XM	AF-50S-STMT-XM	AF-50S3-STMT-XM	AF-50S4-STMT-XM	ST-MTRJ SIMPLEX PATCH CORD

X- 1,2,3,5,10,20 & 25 mtr



ST- ST Simplex Patch Cord
(multimode OM3)



ST- ST Simplex Patch Cord
(multimode)

Multimode ST Patch cord - Duplex

OM 1	OM 2	OM 3	OM 4	Description
AF-62D-STSC-XM	AF-50D-STSC-XM	AF-50D3-STSC-XM	AF-50D4-STSC-XM	ST-SC DUPLEX PATCH CORD
AF-62D-STLC-XM	AF-50D-STLC-XM	AF-50D3-STLC-XM	AF-50D4-STLC-XM	ST-LC DUPLEX PATCH CORD
AF-62D-STFC-XM	AF-50D-STFC-XM	AF-50D3-STFC-XM	AF-50D4-STFC-XM	ST-FC DUPLEX PATCH CORD
AF-62D-STST-XM	AF-50D-STST-XM	AF-50D3-STST-XM	AF-50D4-STST-XM	ST-ST DUPLEX PATCH CORD
AF-62D-STMT-XM	AF-50D-STMT-XM	AF-50D3-STMT-XM	AF-50D4-STMT-XM	ST-MTRJ DUPLEX PATCH CORD

X- 1,2,3,5,10,20 & 25 mtr



ST- ST Duplex Patch Cord
(Multimode)



ST- ST Duplex Patch Cord
(Multimode)

Single Mode ST Patch cord - Simplex

PC	APC	Description	Color
AF-9S-STSC-XM	AF-9S-STSCA-XM	ST-SC SIMPLEX PATCH CORD	YELLOW
AF-9S-STLC-XM	AF-9S-STLCA-XM	ST-LC SIMPLEX PATCH CORD	YELLOW
AF-9S-STFC-XM	AF-9S-STFCA-XM	ST-FC SIMPLEX PATCH CORD	YELLOW
AF-9S-STST-XM	AF-9S-STSTA-XM	ST-ST SIMPLEX PATCH CORD	YELLOW
AF-9S-STMT-XM	AF-9S-STMTA-XM	ST-MTRJ SIMPLEX PATCH CORD	YELLOW

X- 1,2,3,5,10,20 & 25 mtr



ST- ST Duplex Patch Cord
(Single mode)



ST- ST Simplex Patch Cord
(Single mode)

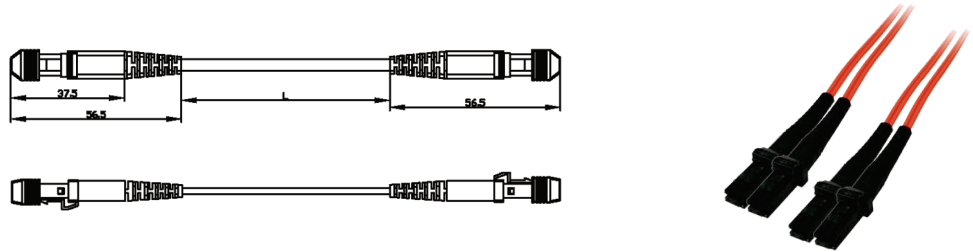
Single Mode ST Patch cord - Duplex

PC	APC	Description	Color
AF-9D-STSC-XM	AF-9D-STSCA-XM	ST-SC DUPLEX PATCH CORD	YELLOW
AF-9D-STLC-XM	AF-9D-STLCA-XM	ST-LC DUPLEX PATCH CORD	YELLOW
AF-9D-STFC-XM	AF-9D-STFCA-XM	ST-FC DUPLEX PATCH CORD	YELLOW
AF-9D-STST-XM	AF-9D-STSTA-XM	ST-ST DUPLEX PATCH CORD	YELLOW
AF-9D-STMT-XM	AF-9D-STMTA-XM	ST-MTRJ DUPLEX PATCH CORD	YELLOW

X- 1,2,3,5,10,20 & 25 mtr

Patch Cord

■ MTRJ Patch Cord



■ Parameter

PARAMETER		UNIT	SINGLE MODE MTRJ		MULTI MODE MTRJ
			PC	APC	PC
Insertion Loss		dB	0.3	0.3	0.3
Return Loss		dB	50	65	25
Attenuation @ 1300nm		dB	0.2	0.2	0.15
Mating Cycle			500	500	500
Exchangeability		dB	0.1	0.1	0.1
Vibration		dB	0.1	0.1	0.1

■ Ordering Information :-MTRJ Patch cord

■ Multimode MTRJ Patch cord - Simplex

OM 1	OM 2	OM 3	OM 4	Description
AF-62S-MTSC-XM	AF-50S-MTSC-XM	AF-50S3-MTSC-XM	AF-50S4-MTSC-XM	MT-SC SIMPLEX PATCH CORD
AF-62S-MTLC-XM	AF-50S-MTLC-XM	AF-50S3-MTLC-XM	AF-50S4-MTLC-XM	MT-LC SIMPLEX PATCH CORD
AF-62S-MTFC-XM	AF-50S-MTFC-XM	AF-50S3-MTFC-XM	AF-50S4-MTFC-XM	MT-FC SIMPLEX PATCH CORD
AF-62S-MTST-XM	AF-50S-MTST-XM	AF-50S3-MTST-XM	AF-50S4-MTST-XM	MT-ST SIMPLEX PATCH CORD
AF-62S-MTMT-XM	AF-50S-MTMT-XM	AF-50S3-MTMT-XM	AF-50S4-MTMT-XM	MT-MTRJ SIMPLEX PATCH CORD

X- 1,2,3,5,10,20 & 25 mtr



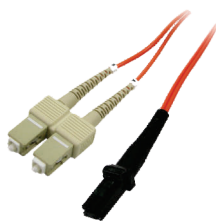
MTRJ - MTRJ Simplex Patch Cord
(multimode)

MTRJ - SC Simplex Patch Cord
(multimode OM3)

Multimode MTRJ Patch cord - Duplex

OM 1	OM 2	OM 3	OM 4	Description
AF-62D-MTSC-XM	AF-50D-MTSC-XM	AF-50D3-MTSC-XM	AF-50D4-MTSC-XM	MT-SC DUPLEX PATCH CORD
AF-62D-MTLC-XM	AF-50S-MTLC-XM	AF-50D3-MTLC-XM	AF-50D4-MTLC-XM	MT-LC DUPLEX PATCH CORD
AF-62D-MTFC-XM	AF-50D-MTFC-XM	AF-50D3-MTFC-XM	AF-50D4-MTFC-XM	MT-FC DUPLEX PATCH CORD
AF-62D-MTST-XM	AF-50D-MTST-XM	AF-50D3-MTST-XM	AF-50D4-MTST-XM	MT-ST DUPLEX PATCH CORD
AF-62D-MTMT-XM	AF-50D-MTMT-XM	AF-50D3-MTMT-XM	AF-50D4-MTMT-XM	MT-MTRJ DUPLEX PATCH CORD

X- 1,2,3,5,10,20 & 25 mtr



MTRJ - SC Duplex Patch Cord
(multimode)

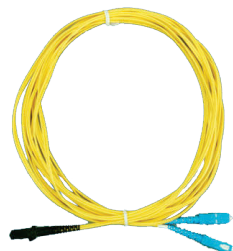


MTRJ - ST Duplex Patch Cord
(multimode)

Single Mode MTRJ Patch cord - Simplex

PC	APC	Description	Color
AF-9S-MTSC-XM	AF-9S-MTSCA-XM	MT-SC SIMPLEX PATCH CORD	YELLOW
AF-9S-MTLC-XM	MT-9S-SCLCA-XM	MT-LC SIMPLEX PATCH CORD	YELLOW
AF-9S-MTFC-XM	AF-9S-MTFCA-XM	MT-FC SIMPLEX PATCH CORD	YELLOW
AF-9S-MTST-XM	AF-9S-MTSTA-XM	MT-ST SIMPLEX PATCH CORD	YELLOW
AF-9S-MTMT-XM	AF-9S-MTMTA-XM	MT-MTRJ SIMPLEX PATCH CORD	YELLOW

X- 1,2,3,5,10,20 & 25 mtr



MTRJ - SC Duplex Patch Cord
(single mode)



MTRJ - MTRJ Simplex Patch Cord
(single mode)

Single Mode MTRJ Patch cord - Duplex

PC	APC	Description	Color
AF-9D-MTSC-XM	AF-9D-MTSCA-XM	MT-SC DUPLEX PATCH CORD	YELLOW
AF-9D-MTLC-XM	AF-9D-MTLCA-XM	MT-LC DUPLEX PATCH CORD	YELLOW
AF-9D-MTFC-XM	AF-9D-MTFCA-XM	MT-FC DUPLEX PATCH CORD	YELLOW
AF-9D-MTST-XM	AF-9D-MTSTA-XM	MT-ST DUPLEX PATCH CORD	YELLOW
AF-9D-MTMT-XM	AF-9D-MTMTA-XM	MT-MTRJ DUPLEX PATCH CORD	YELLOW

X- 1,2,3,5,10,20 & 25 mtr

Patch Cord

E2000 Patch Cord



Parameter

PARAMETER	UNIT	SINGLE MODE E2000		MULTI MODE E2000
		PC	APC	PC
Insertion Loss	dB	0.3	0.3	0.3
Return Loss	dB	50	65	25
Attenuation @ 1300nm	dB	0.2	0.2	0.15
Mating Cycle		500	500	500
Exchangeability	dB	0.1	0.1	0.1
Vibration	dB	0.1	0.1	0.1

Ordering Information :-E2000 Patch cord

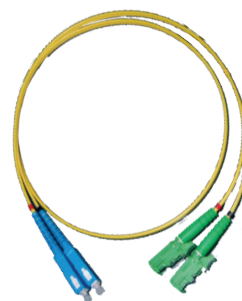
Single Mode E2000 Patch cord - Simplex

PC	APC	Description	Color
AF-9S-E2SC-XM	AF-9S-E2SCA-XM	E2-SC SIMPLEX PATCH CORD	YELLOW
AF-9S-E2LC-XM	MT-9S-E2LCA-XM	E2-LC SIMPLEX PATCH CORD	YELLOW
AF-9S-E2E2-XM	AF-9S-E2E2A-XM	E2-E2000 SIMPLEX PATCH CORD	YELLOW

X- 1,2,3,5,10,20 & 25 mtr



E2000/APC - E2000 Simplex Patch Cord
(single mode)



E2000/APC-SC Duplex Patch Cord
(single mode)

Single Mode E2000 Patch cord - Duplex

PC	APC	Description	Color
AF-9D-E2SC-XM	AF-9D-E2SCA-XM	E2-SC DUPLEX PATCH CORD	YELLOW
AF-9D-E2LC-XM	AF-9D-E2LCA-XM	E2-LC DUPLEX PATCH CORD	YELLOW
AF-9D-E2E2-XM	AF-9D-E2E2A-XM	E2-E2000 DUPLEX PATCH CORD	YELLOW

X- 1,2,3,5,10,20 & 25 mtr

Fiber Optic Termination Panels



Indoor Type



Outdoor Type



Micro ODF 2 Port

Description

AVAYO fiber termination panel or optic patch used to terminate, protect and organize the fiber optic cables and optical fibers in the fiber optic communication networks. The fiber patch panel is in a standard 19 inch rack mount size or wall mount type, with different models including 6 port and 8 port (wall mount). 12 port and 24 port rack mountable. The adapter interface can be ST, SC, FC and LC

Applications and Standards

Fiber back bone terminations, Fiber cable distribution, Data center terminations, CATV head end application, Premise cabling and central office applications. For Outdoor, weather resistance with special lock and properly marked cover.

Mounting Type

Wall mount	: 6 port, 8 port & outdoor
Rack mount	: 12 port & 24 port
Insertion Loss	: 0.2 dB
Return Loss	: 50 db
Mechanical Endurance	: 200 times
Operating Temperature	: -10°C - 70°C
Finish	: Powder coated, Black or Grey

Properties

Construction	: Cold Rolled Steel/PVC
Fiber capacity	: 6, 8, 12 and 24 ports
Connecting Types	: SC, LC, FC & ST
Splice Tray	: Plastic splice tray
Front Plates	: 6 or 8 port plates

Micro Termination Panel - 2 Port

Type	: Wall Mount
Capacity	: 2 Port
Connectivity Type	: SC, LC, FC & ST
Finish	: PVC

Ordering Information Fiber Panel

Part No.	Description	Packing
AF-06PUN-X/S-D/B/G	6 port wall mount, unloaded	01 pcs
AF-08PUN-X/S-D/B/G	8 port wall mount, unloaded	01 pcs
AF-12PUN-X/S-D/B/G	12 port Rack mount, unloaded	01 pcs
AF-24PUN-X/S-D/B/G	24 port Rack mount, unloaded	01 pcs
AV-FTB04	294 x 172 x72, Outdoor	01 pcs
AF-02PSCS-W	2 port wall munt for SC simplex adapter	01 pcs
AF-02PLCD-W	2 port wall munt for LC duplex adapter	01 pcs

I Fiber Optic Splitter

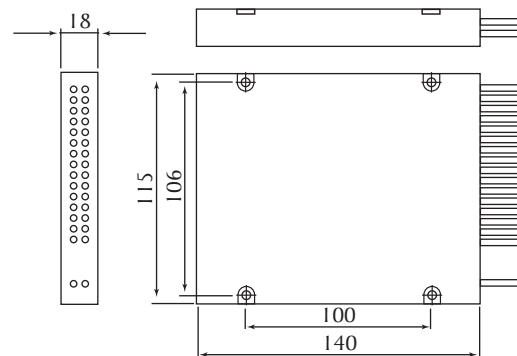


I Description

Fiber optic splitter which splits fiber optic light in to several parts is an important passive component used in fiber networking. AVAYO planar light wave circuit (PLC) splitter in this range is a rack mountable type with wide operating wave length and good channel to channel uniformity.

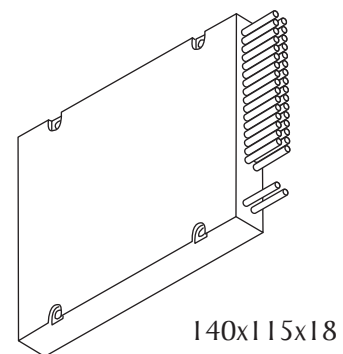
I Applications and Standards

Fiber back bone terminations
Fiber cable distribution
CATV Links
FTTX System



I Properties

Construction	: Cold Rolled Steel
Input Type	: 1 or 2
Output Type	: 2,4,8,16,32,64 and 128
Connecting Types	: SC, LC, FC & ST
Fiber Type	: G 657A1 or specified
Operating Wavelength	: 1260-1650 nm
Operating Temperature	: -40 °C - 85 °C
Mounting Type	: Rack mount
Finish	: Powder coated, Black or Grey
Dimension	: 120 x 80 x 18 (2x16 splitter) 140 x 115 x 18 (2x32 splitter)



Specifications - Input PLC Splitter

1. Input PLC Splitter

Parameter	Unit	1x2	1x4	1x8	1x16	1x32	1x64	1x128
Insertion Loss	dB	3.8	7.1	10.2	13.5	16.5	20.5	23.8
Loss Uniformity	dB	0.4	0.6	0.8	1.2	1.5	2.0	2.5
Polarization Dependent Loss	dB	0.2	0.2	0.2	0.25	0.3	0.35	0.4
Return Loss	dB	55	55	55	55	55	55	55
Directivity	dB	55	55	55	55	55	55	55
Wave length Dependent Loss	dB	0.3	0.3	0.3	0.5	0.5	0.5	0.5

2. Input PLC Splitter

Parameter	Unit	1x2	1x4	1x8	1x16	1x32	1x64	1x128
Insertion Loss	dB	4.0	7.6	11.0	14.4	17.5	21.0	24.5
Loss Uniformity	dB	0.6	1.0	1.2	1.5	1.8	2.2	2.5
Polarization Dependent Loss	dB	0.2	0.2	0.3	0.3	0.35	0.4	0.4
Return Loss	dB	55	55	55	55	55	55	55
Directivity	dB	55	55	55	55	55	55	55
Wave length Dependent Loss	dB	0.3	0.4	0.5	0.5	0.5	0.5	0.5

Ordering Information Fiber Splitter

Part No.	Description	Packing
AF-1X16S- x01B	1X16 Fiber splitter, X type, black	01 pcs
AF-1X32S- x01B	1X32 Fiber splitter, X type, black	01 pcs
AF-2X16S- x01B	2X16 Fiber splitter, X type, black	01 pcs
AF-2X32S- x01B	2X32 Fiber splitter, X type, black	01 pcs

X-Type – SC, SC/APC, LC, LC/APC, FC, ST