

# OPTICAL FIBER

## AIS OM1 Multimode fiber optic patch cords 62.5/125µm

### Product Introduction

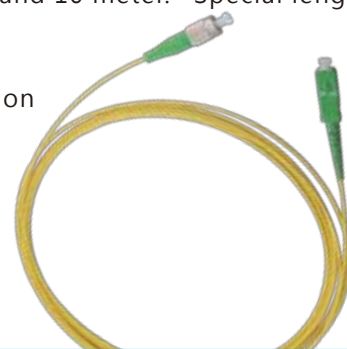
AIS has brought you complete series of fiber optic connectivity products, fiber patch cord, in different fiber optic connectors in LC, SC, ST, FC to Hybrid connectors. Available in both simplex and duplex, single mode 9/125um and multimode 50/125um (62.5/125um), Transmission performances meet TIA/EIA-568-C.3-1. AIS fine fiber optic patch cords connectors meet FOCIS (Fiber Optic Connector Intermateability Standards) and TIA/EIA-455-21A requirements.

### Product Features

- Available in both simplex and duplex and equipped with different connectors, like ST, SC, LC, FC, MTRJ, E2000
- AIS has state-of-the-art connector polishing skills, this enable AIS fiber optic patch cords performances exceed other brand names, as well as exceed International standards requirements.
- Meet IEEE 802.3ae 10 GbE requirements
- Meet TIA/EIA-568-B.3 transmission requirements
- Special fiber patch cord specification is available upon request
- All patch cord is enclosed with a test report
- Standard length at 1, 3, 5, 7 and 10 meter. Special length is available upon request
- Meet RoHS requirement
- Available in LSOH specification

### Connector Specifications

Measure	SC	ST	LC	MTRJ
Insertion Loss dB@850nm	< 0.3	< 0.3	< 0.3	< 0.5
Standard	IEC61754-4	IEC60874-10-1997	IEC61754-20	IEC61754-18-2001



### Fiber Cable Specification

Testing Parameters	SC patch cord	ST patch cord	LC patch cord	MTRJ patch cord
Attenuation Max dB @850nm	≤ 0.35	≤ 0.35	≤ 0.35	≤ 0.35
Attenuation Max dB @1310nm	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Bandwidth Min MHz.km @850nm	≥ 200	≥ 200	≥ 200	≥ 200
Bandwidth Min MHz.km @1300nm	≥ 500	≥ 500	≥ 500	≥ 500
Cable jacket color	Orange	Orange	Orange	Orange
Operation temperature °C	-40 to +85	-40 to +85	-40 to +85	-40 to +85

Product Code	Description	Product Code	Description
AF-121SMOR	SC-SC Simplex OM1, 1m	AF-221DMOR	SC-SC Duplex OM1, 1m
AF-122SMOR	SC-SC Simplex OM1, 2m	AF-222DMOR	SC-SC Duplex OM1, 2m
AF-123SMOR	SC-SC Simplex OM1, 3m	AF-223DMOR	SC-SC Duplex OM1, 3m
AF-125SMOR	SC-SC Simplex OM1, 5m	AF-225DMOR	SC-SC Duplex OM1, 5m
AF-127SMOR	SC-SC Simplex OM1, 7m	AF-227DMOR	SC-SC Duplex OM1, 7m
AF-130SMOR	SC-SC Simplex OM1, 10m	AF-230DMOR	SC-SC Duplex OM1, 10m
AF-101SMOR	LC-LC Simplex OM1, 1m	AF-201DMOR	LC-LC Duplex OM1, 1m
AF-102SMOR	LC-LC Simplex OM1, 2m	AF-202DMOR	LC-LC Duplex OM1, 2m
AF-103SMOR	LC-LC Simplex OM1, 3m	AF-203DMOR	LC-LC Duplex OM1, 3m
AF-105SMOR	LC-LC Simplex OM1, 5m	AF-205DMOR	LC-LC Duplex OM1, 5m
AF-107SMOR	LC-LC Simplex OM1, 7m	AF-207DMOR	LC-LC Duplex OM1, 7m
AF-110SMOR	LC-LC Simplex OM1, 10m	AF-210DMOR	LC-LC Duplex OM1, 10m
AF-141SMOR	ST-ST Simplex OM1, 1m	AF-241DMOR	ST-ST Duplex OM1, 1m
AF-142SMOR	ST-ST Simplex OM1, 2m	AF-242DMOR	ST-ST Duplex OM1, 2m
AF-143SMOR	ST-ST Simplex OM1, 3m	AF-243DMOR	ST-ST Duplex OM1, 3m
AF-145SMOR	ST-ST Simplex OM1, 5m	AF-245DMOR	ST-ST Duplex OM1, 5m
AF-147SMOR	ST-ST Simplex OM1, 7m	AF-247DMOR	ST-ST Duplex OM1, 7m
AF-150SMOR	ST-ST Simplex OM1, 10m	AF-250DMOR	ST-ST Duplex OM1, 10m