

# OPTICAL FIBER

## AIS OM2 Multimode fiber optic patch cords 50/125µm

### Product Introduction

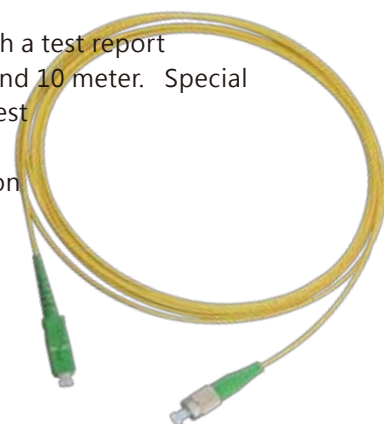
AIS has brought you complete series of fiber optic connectivity products from fiber patch cord, in different fiber optic connectors like LC, SC, ST, FC to Hybrid connectors. Available in both simplex and duplex, single mode and multimode, Transmission performances meet TIA/EIA-568-C.3-1. AIS fine fiber 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-121SPOR	SC-SC Simplex OM2, 1m	AF-221DPOR	SC-SC Duplex OM2, 1m
AF-122SPOR	SC-SC Simplex OM2, 2m	AF-222DPOR	SC-SC Duplex OM2, 2m
AF-123SPOR	SC-SC Simplex OM2, 3m	AF-223DPOR	SC-SC Duplex OM2, 3m
AF-125SPOR	SC-SC Simplex OM2, 5m	AF-225DPOR	SC-SC Duplex OM2, 5m
AF-127SPOR	SC-SC Simplex OM2, 7m	AF-227DPOR	SC-SC Duplex OM2, 7m
AF-130SPOR	SC-SC Simplex OM2, 10m	AF-230DPOR	SC-SC Duplex OM2, 10m
AF-101SPOR	LC-LC Simplex OM2, 1m	AF-201DPOR	LC-LC Duplex OM2, 1m
AF-102SPOR	LC-LC Simplex OM2, 2m	AF-202DPOR	LC-LC Duplex OM2, 2m
AF-103SPOR	LC-LC Simplex OM2, 3m	AF-203DPOR	LC-LC Duplex OM2, 3m
AF-105SPOR	LC-LC Simplex OM2, 5m	AF-205DPOR	LC-LC Duplex OM2, 5m
AF-107SPOR	LC-LC Simplex OM2, 7m	AF-207DPOR	LC-LC Duplex OM2, 7m
AF-110SPOR	LC-LC Simplex OM2, 10m	AF-210DPOR	LC-LC Duplex OM2, 10m
AF-141SPOR	ST-ST Simplex OM2, 1m	AF-241DPOR	ST-ST Duplex OM2, 1m
AF-142SPOR	ST-ST Simplex OM2, 2m	AF-242DPOR	ST-ST Duplex OM2, 2m
AF-143SPOR	ST-ST Simplex OM2, 3m	AF-243DPOR	ST-ST Duplex OM2, 3m
AF-145SPOR	ST-ST Simplex OM2, 5m	AF-245DPOR	ST-ST Duplex OM2, 5m
AF-147SPOR	ST-ST Simplex OM2, 7m	AF-247DPOR	ST-ST Duplex OM2, 7m
AF-150SPOR	ST-ST Simplex OM2, 10m	AF-250DPOR	ST-ST Duplex OM2, 10m