OPTICAL FIBER

AIS OM2 Multimode fiber optic Pigtail 50/125μm
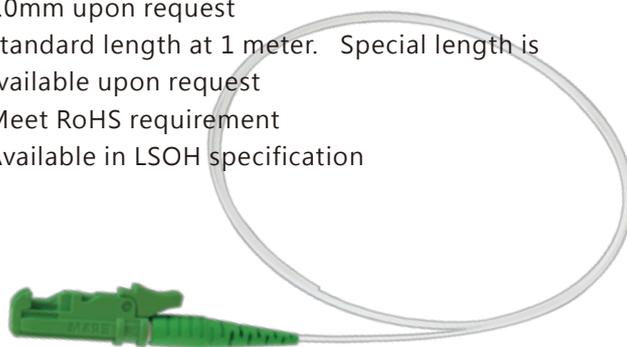
Product Introduction

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
- Cable diameter in 0.9mm, available 2.0mm and 3.0mm upon request
- Standard length at 1 meter.   Special length is available upon request
- Meet RoHS requirement
- Available in LSOH specification

Connector Specifications

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

Fiber Cable Specification

Testing Parameters	SC patch cord	ST patch cord	LC patch cord
Attenuation Max dB @850nm	≤ 0.28	≤ 0.28	≤ 0.28
Attenuation Max dB @1310nm	≤ 0.8	≤ 0.8	≤ 0.8
Bandwidth Min MHz.km @850nm	≥ 200	≥ 200	≥ 200
Bandwidth Min MHz.km @1300nm	≥ 800	≥ 800	≥ 800
Cable jacket color 2mm & 3mm	Orange	Orange	Orange
Cable jacket color 0.9mm	White	White	White
Operation temperature °C	-40 to +85	-40 to +85	-40 to +85

Product Code	Description
AF-004SMXX	SC OM2 Pigtail · 1 meter
AF-005SMXX	LC OM2 Pigtail · 1 meter
AF-006SMXX	ST OM2 Pigtail · 1 meter

A.I.SYSTEM