

OPTICAL FIBER

AIS OM3 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	Aqua	Aqua	Aqua	Aqua
Operation temperature °C	-40 to +85	-40 to +85	-40 to +85	-40 to +85

Product Code	Description	Product Code	Description
AF-121SQAQ	SC-SC Simplex OM3, 1m	AF-221DQAQ	SC-SC Duplex OM3, 1m
AF-122SQAQ	SC-SC Simplex OM3, 2m	AF-222DQAQ	SC-SC Duplex OM3, 2m
AF-123SQAQ	SC-SC Simplex OM3, 3m	AF-223DQAQ	SC-SC Duplex OM3, 3m
AF-125SQAQ	SC-SC Simplex OM3, 5m	AF-225DQAQ	SC-SC Duplex OM3, 5m
AF-127SQAQ	SC-SC Simplex OM3, 7m	AF-227DQAQ	SC-SC Duplex OM3, 7m
AF-130SQAQ	SC-SC Simplex OM3, 10m	AF-230DQAQ	SC-SC Duplex OM3, 10m
AF-101SQAQ	LC-LC Simplex OM3, 1m	AF-201DQAQ	LC-LC Duplex OM3, 1m
AF-102SQAQ	LC-LC Simplex OM3, 2m	AF-202DQAQ	LC-LC Duplex OM3, 2m
AF-103SQAQ	LC-LC Simplex OM3, 3m	AF-203DQAQ	LC-LC Duplex OM3, 3m
AF-105SQAQ	LC-LC Simplex OM3, 5m	AF-205DQAQ	LC-LC Duplex OM3, 5m
AF-107SQAQ	LC-LC Simplex OM3, 7m	AF-207DQAQ	LC-LC Duplex OM3, 7m
AF-110SQAQ	LC-LC Simplex OM3, 10m	AF-210DQAQ	LC-LC Duplex OM3, 10m
AF-141SQAQ	ST-ST Simplex OM3, 1m	AF-241DQAQ	ST-ST Duplex OM3, 1m
AF-142SQAQ	ST-ST Simplex OM3, 2m	AF-242DQAQ	ST-ST Duplex OM3, 2m
AF-143SQAQ	ST-ST Simplex OM3, 3m	AF-243DQAQ	ST-ST Duplex OM3, 3m
AF-145SQAQ	ST-ST Simplex OM3, 5m	AF-245DQAQ	ST-ST Duplex OM3, 5m
AF-147SQAQ	ST-ST Simplex OM3, 7m	AF-247DQAQ	ST-ST Duplex OM3, 7m
AF-150SQAQ	ST-ST Simplex OM3, 10m	AF-250DQAQ	ST-ST Duplex OM3, 10m