Singlemode-Multimode Fiber Patch Cords

Construction and available configurations

Parameter	Specification
Connector range	LC, SC, ST, FC, E2000, MU; APC where applicable
Fiber standards in the documented range	SM G657, G652; MM OM1, OM3, OM4, OM5
Configurations	Duplex
Lengths	Custom lengths available
Jacket / strength member	LSZH / aramid

Single-ferrule connector performance

Parameter	Specification
SM Premium: maximum / typical insertion loss	<=0.15 dB / <=0.12 dB
SM Premium: return loss (UPC / APC)	>55 / 65 dB
MM Premium: maximum / typical insertion loss	<=0.15 dB / <=0.08 dB
MM Premium: return loss	>28 dB

Cable characteristics - simplex and duplex

Parameter	Specification
Crush resistance	1000 N
Operating temperature	-20°C to +70°C
Secondary buffer diameter, 2 mm cable	900+50 um
Minimum bend radius	10D installed; 20D loaded

Standards and quality

Parameter	Specification
Applicable standards	IEC 61754-20; IEC 61753-1; GR-326-CORE; IEC 61300-3
Performance requirements	IEC, EIA-TIA and Telcordia
Manufacture and testing	Machine polished; factory tested; test certificate supplied
Compliance stated	RoHS, REACH and SVHC; conflict-material compliance