RS PRO

Datasheet
Fibre Optic Cable Assembly
RS Stock number 738-8483

Specifications

Connector Specification

OPTICAL PERFORMANCE	MULTIMODE	CONFORMANCE
Insertion loss (Typ)	0.30 dB	IEC 61300-3-4
Ave/Master*	0.15 dB	IEC 61300-3-4
Ave/Random*	0.20 dB	IEC 61300-3-34

Cable Specification

Characteristics	Simplex	Duplex
Cable Material	LSZH or PVC	LSZH or PVC
Strength Member	Aramid	Aramid
Crush (N)	1000	1000
Operating Temperature (°C)	-20 to 60	-20 to 60
Fire Specification	IEC 60332-1 / IEC 60332-3	

Fibre Specification

CHARACTERISTICS	
Attenuation (dB)	2.8 @ 850nm / 0.8 @ 1300nm
Bandwidth OFL (MHz x km)	220 @ 850nm / 500 @ 1300nm
Max Ethernet Transmittable Distance	Please refer to Fibre Comparison Chart

Description

Multimode patch cords are used to connect high speed and legacy networks like Gigabit Ethernet, Fast Ethernet and Ethernet. The multimode Patch cords are manufactured using LSZH cables which conform to IEC, EIA TIA and Telecordia standards. The OM1 patch cords are terminated with a standard connector which gives optimum optical performance.

Features

► SC, LC, ST, FC and MTRJ connectors
► Low smoke zero halogen (LSZH) cable in orange colour
► 900μm / 600 μm tight buffer
► OM1 fibre conforms to ITU-651, TIA/EIA 492AAAA
► Simplex and duplex assemblies
► Duplex assemblies available with clips (SC and LC)
► Different connector performance range for specific application
► Armoured option also available

Applications

► Gigabit Ethernet in high speed LAN networks over an indicative 275 m link length at 850 nm (SX) wavelength
► Legacy networks including Ethernet, Fast Ethernet and FDDI
► Data centres
► Premises cabling in data networks including backbone, riser and horizontal
► Supports video, data and voice services