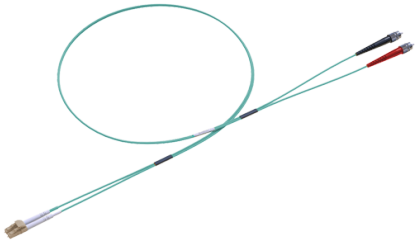
Datasheet

ENGLISH

RS PRO Simplex/Duplex Enhanced Patch Cord

Stock No:

5366838,5366844,5366535,5366787,5366743,5366456,5366793,5366579,5366557,5366462



Multimode patch cords are used to connect high speed and legacy networks like 10 gigabit ethernet, fast ethernet and ethernet. The multimode patch cords are manufactured for internal use using LSZH cables which conform to IEC, EIA TIA or Telcordia standards. The OM3 enhanced patch cords are terminated with optimized connectors which gives optimum optical performance.

FEATURES/BENEFITS

- E2000, FC, LC, MTRJ, SC and ST connectors
- Low smoke zero halogen (LSZH) cable in aqua or purple color
- 900 µm / 600 µm tight buffer
- OM3 fiber conforms to ITU-T G.651.1, TIA/EIA 492AAAC, IEC60793-2-10 A1a.2a
- Simplex and duplex assemblies
- Duplex assemblies available with clips (SC and LC)
- Different connector performance range for specific application available
- Armoured option also available
- REACH, RoHS & SvHC materials compliant

APPLICATIONS

- For use in 10Gb/s high speed LAN networks over a 300 m indicative link length at 850 nm (SX) wavelength using a laser launch
- For use in 1Gb/s high speed LAN networks over a 1000 m indicative link length at 850 nm (SX) wavelength using a laser launch
- High speed and legacy networks including Gigabit Ethernet, Fast Ethernet and Ethernet
- Data centers
- Premises cabling in data networks including backbone, riser and horizontal
- Supports video, data and voice services

SPECIFICATIONS

Connector Specification

OPTICAL PERFORMANCE	MULTIMODE	CONFORMANCE
IL Max/Master (Acceptance)	0.25 dB	IEC 61300-3-4
Ave/Master	0.15 dB	IEC 61300-3-4
Ave/Random	0.20 dB	IEC 61300-3-34

Note: Return Loss ≥28dB based on sample data using method IEC 61300-3-6

Cable Specification

CHARACTERISTICS	SIMPLEX	DUPLEX
Cable Material	LSZH	LSZH
Strength Member	Aramid	Aramid
Crush (N)	1000	1000
Operating Temperature (°C)	-20 to 60	-20 to 60
Fire Specification	IEC 60332-1	IEC 60332-1

Fiber Specification

CHARACTERISTICS	
Attenuation (dB / km)	2.8 @ 850 nm / 0.8 @ 1310 nm
Bandwidth OFL (MHz x km)	1500 @ 850 nm / 500 @ 1310 nm
Bandwidth LEMB (MHz X km)	2000 @ 850 nm