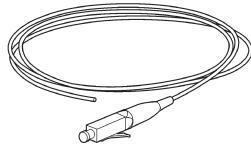


LCS³ Fibre optic 9/125 µm pigtails - OS2

Cat. No(s): 0 322 40/0 322 41/0 322 42
 0 322 43/0 322 44/0 322 45
 0 322 46/0 322 47/0 322 48
 0 322 49/0 326 24
 On demand



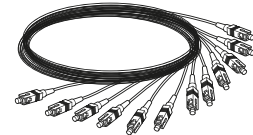
0 322 40



0 322 42



0 326 24



On demand

1. USE

Singlemode pigtails are used in telecommunication, data transmission, mainland high-speed and access networks. Singlemode pigtails conform to IEC, ANSI/TIA and Telcordia standards. OS2 singlemode pigtails are terminated with Core connectors to obtain optimum optical performance. OS2 singlemode pigtails are equipped with OS2 G.657.A2 fiber which is compatible with G.652.D fiber.

2. RANGE

Description	Cat. No.
SC pigtail APC OS2 G657A2 1M Core LSZH	0 322 40
SC pigtail UPC OS2 G657A2 1M Core LSZH	0 322 41
LC pigtail APC OS2 G657A2 1M Core LSZH	0 322 42
LC pigtail UPC OS2 G657A2 1M Core LSZH	0 322 43
ST pigtail UPC OS2 G657A2 1M Core LSZH	0 322 44
SC pigtail APC OS2 G657A2 2M Core LSZH	0 322 45
SC pigtail UPC OS2 G657A2 2M Core LSZH	0 322 46
LC pigtail UPC OS2 G657A2 2M Core LSZH	0 322 47
LC pigtail APC OS2 G657A2 2M Core LSZH	0 322 48
ST pigtail UPC OS2 G657A2 2M Core LSZH	0 322 49
Kit with 12 LC pigtails UPC OS2 G657A2 1M Core LSZH	0 326 24
Kit with 12 SC pigtails UPC OS2 G657A2 1M LSZH (Core or Ultra)	On demand

Catalog references are equipped with Core performance connectors. Ultra performance connectors and others lengths are available on demand.

3D endface geometry (interferometry): sampling quality control.
 Optical performance: 100% factory tested.

3. APPLICATIONS

- Telco and Datacom networks
- Drawers, ODF wall boxes and splice cassettes
- Easy strip for installation on site
- Supports high-speed multi-channel video networks, mainland data and voice services and access networks
- ATM, SONET and WDM

4. CONNECTOR SPECIFICATION

Optical Performance	Core performance	Ultra performance	Standards
IL Max/Master	0.25 dB	0.15 dB	IEC 61300-3-4
IL Typ/Master	0.15 dB	0.12 dB	IEC 61300-3-4
IL Typ/Random*	0.15 dB	0.12 dB	IEC 61300-3-34
IL Max/Random*	0.30 dB	0.25 dB	IEC 61300-3-34
Return loss (UPC/APC)	> 55/65 dB		IEC 61300-3-6

* Performance is guaranteed only with other components of the same Legrand range (Core, Ultra and Quantum). Mixing ranges or use of components of other brand may lead to a different performance of the system.

The uncertainty value for field measurement with LSPM testing using a reference cord defined in ISO/IEC 14763-3 applies to field testing with proposed Legrand testing cords. Refer to the Fiber Optic Testing Guide for Legrand Solutions.

Connector types	Compliance	Colors
SC UPC	IEC 61754-4	Connector : blue Boot : blue
LC UPC	IEC 61754-20	Connector : blue Boot : white
ST UPC	IEC 61754-2	Connector : metal Boot : blue
SC APC	IEC 61754-4	Connector : green Boot : green
LC APC	IEC 61754-20	Connector : green Boot : white

5. CABLE SPECIFICATION

LSZH cable

900µm tight buffered and easy strip

Cable color for unitary pigtails: Yellow

Cable colors for 12 pigtails kit: blue, orange, green, brown, grey, white, red, black, yellow, purple, pink, aqua.

Characteristics	Unit	Values
Operating temperature	°C	- 20 to 60
Nominal sleeve diameter	µm	900 + 50
Max. tensile load	N	5

6. FIBRE SPECIFICATION

Fibre type : OS1a/OS2 G657A2/B2, IEC 60793-2-50 Category B657.a2 and B657.b2 (B6.a2 and B6.b2)

Characteristics	Unit	Values
Attenuation(dB)/km		0.38 @ 1310 nm / 0.23 @ 1 550 nm
Chromatic dispersion (ps/nm x km)		3.7 @ 1310 nm / 18.5 @ 1550 nm