

X G.657.A1 Compliant

X Compatible with OS2 (G.652.D)

X 100% Optical Test

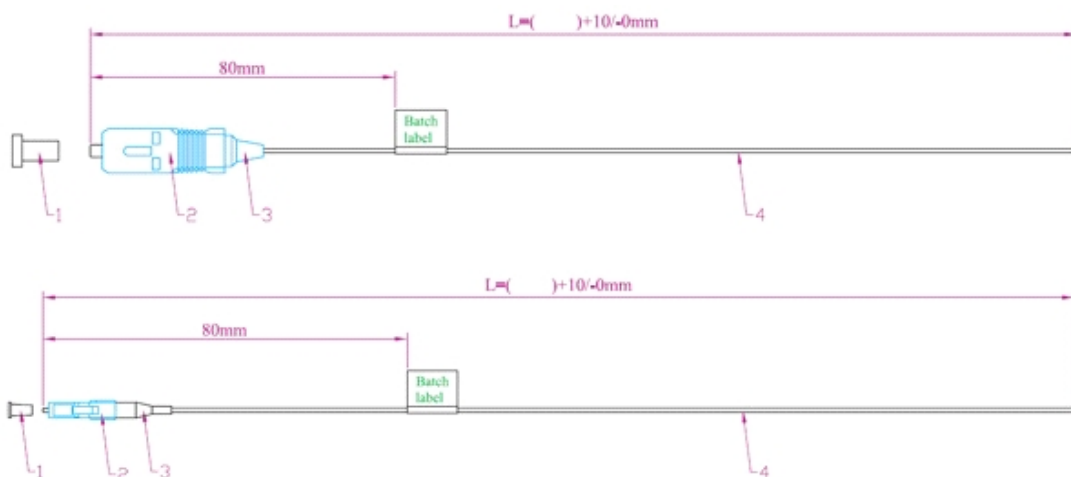
X Test Certificate with each cable

Features

- G.657.A1 Compliant
- 100% Optical Test
- Batch Number Tracking
- White 900 micron 9/125 cable
- Choice of length
- Each cable is individually bagged and labelled
- Compatible with OS2 (G.652.D)
- Test Certificate with each cable
- Semi tight buffered 'easy strip' fibre
- Broad range of connectivity options
- RoHS Compliant
- Factory terminated under ISO9001 quality control procedures

Product Overview

Excel fibre optic pigtails are manufactured from the highest quality 900 micron G.657.A1 optical fibre, terminated with ceramic ferrule connectors of various types. This offers a bend insensitive fibre that is fast to prepare and ideal for installations with limited space. G.657.A1 is fully compatible with G.652.D and meets OS2 Category performance. Cable preparation, termination and testing is carried out to strictly managed procedures in an Excel approved, ISO9001 registered manufacturing facility. Each pigtail has a strain relief boot to prolong and maintain performance levels of the assembly. A short distance from the connector a label containing a unique batch number is fixed to cable for quality and traceability purposes.

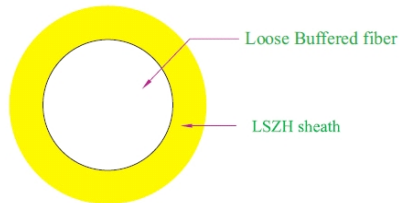


1. Dust Cover
2. Connector
3. Strain Relief Boot
4. 0.9 mm G.657.A1 Easy Strip LSOH Yellow Fibre

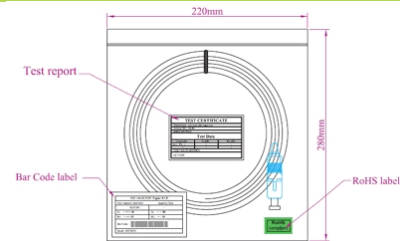
Pigtail Assembly

	SC / UPC	LC / UPC	SC / APC	LC / APC
Insertion Loss @ 1310 nm	> 55 dB	> 55 dB	> 65 dB	> 65 dB
End surface test	OP-03-05001	OP-03-05001	OP-03-05001	OP-03-05001
Test Standard	GR-326-CORE	GR-326-CORE	GR-326-CORE	GR-326-CORE
RoHS Compliant	Yes	Yes	Yes	Yes
Cable Standard	IEC 60793-2	IEC 60793-2	IEC 60793-2	IEC 60793-2
Connector Standard	IEC 61754-4	IEC 61754-20	IEC 61754-4	IEC 61754-20

Cable



Packaging



Product Specification

Property	Value
Number of Fibres	1
Cable Diameter	0.9 mm
Cable Weight	0.9 kg/km
Short Term Maximum Pulling Tension	6.0 N
Long Term Maximum Pulling Tension	3.0 N
Minimum Bend Radius (Dynamic)	20 x Diameter
Minimum Bend Radius (Static)	10 x Diameter
Compliance	Bellcore GR-409-CORE & OFNR-UL/CSA FT-4
Maximum Attenuation (typical)	≤ 0.4 dB
Dispersion Coefficient @1310 nm	≤ 3.0 ps.nm ⁻¹ .km ⁻¹
Dispersion Coefficient @1550 nm	≤ 18 ps.nm ⁻¹ .km ⁻¹
Fibre Cable	Singlemode G.657.A1
Fibre Colour	Yellow
Sheath	LSOH
UPC Connector Colour	Blue
APC Connector Colour	Green
Temperature Range	-20 °C to +70 °C

Part Number Information

Part No.	Description
200-584	OS2 1m SC/UPC G.657.A1 Easy Strip Pigtail - Yellow
200-585	OS2 1m LC/UPC G.657.A1 Easy Strip Pigtail - Yellow
200-586	OS2 1m SC/APC G.657.A1 Easy Strip Pigtail - Yellow
200-587	OS2 1m LC/APC G.657.A1 Easy Strip Pigtail - Yellow

System Warranty

The Excel System Warranty provides a 25-year product and applications assurance of compliance with the industry performance standard appropriate to the class of cabling installed. The warranty may be applied for by an accredited Excel Partner who has designed, supplied and installed the said system.



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