excel
without compromise.

FIBRE

X **100% Optical Test**

X **Test Certificate with each cable**
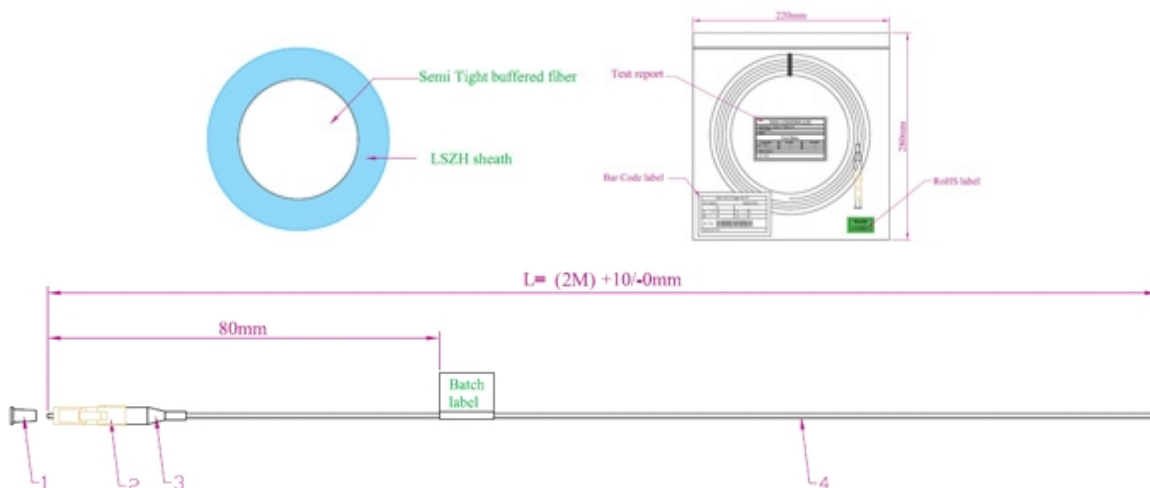
X **Batch Number Tracking**

Features

- 100% Optical Test
- Batch Number Tracking
- White 900 micron 50/125 µm cable
- Choice of length
- Each cable is individually bagged and labelled
- 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 optical fibre, terminated with ceramic ferrule connectors of various types. To assist in fast cable preparation and splicing semi tight buffered, easy strip, cable is used as standard. 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.

Performance Characteristics

Connector

Measure	SC Connector	LC Connector
Insertion Loss dB @850nm	< 0.3	< 0.3
Ferrule	2.5mm ceramic	1.25mm ceramic
Housing	Composite	Composite
Connector Design	IEC61754-4	IEC61754-20
End surface test	OP-03-05001	OP-03-05001
Test Standard	GR-326-CORE	GR-326-CORE

Cable

Measure	SC Assembly	LC Assembly
Attenuation Max dB @850nm	≤ 2.3	≤ 2.3
Attenuation Max dB @1300nm	≤ 0.6	≤ 0.6
High performance EMB Min MHz.km @850nm	≥4700	≥4700
Bandwidth Min MHz.km @1300nm	≥500	≥500
No of Fibres	1	1
Outer Diameter mm	0.9	0.9
Outer sheath colour	Aqua	Aqua
Outer sheath µm	900	900
Outer sheath Material	IEC332-1 LSOH	IEC332-1 LSOH
Temperature range ˚C	-20 to + 70	-20 to + 70
RoHS Compliant	Yes	Yes
Weight kg/km	0.9	0.9
Min Bend Radius mm During installation	18.0	18.0
After installation	3.0	3.0

Part Number Information

Part No.	Description
204-320	OM4 LC Pigtail 50/125 - 2m
204-321	OM4 SC Pigtail 50/125 - 2m

Excel is a world-class premium performing end-to-end infrastructure solution - designed, manufactured, supported and delivered - without compromise.

Contact us at **sales@excel-networking.com**