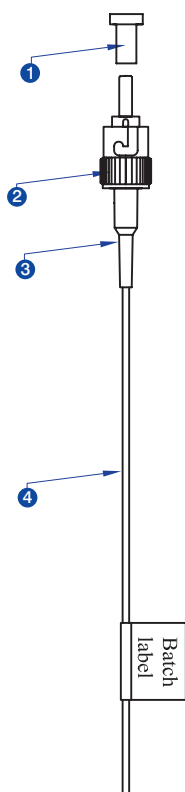




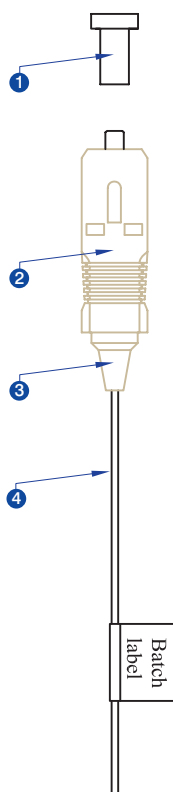
## Product Schematics

ST



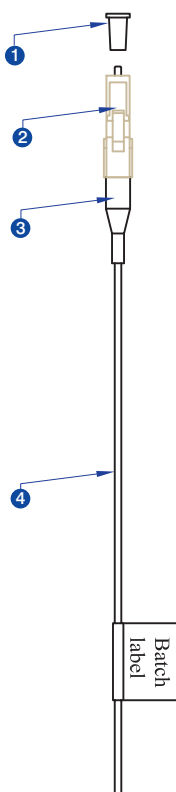
- 1 ST Dust cover
- 2 ST 0.9 multimode connector
- 3 ST 0.9 Black strain relief boot
- 4 0.9mm Easy Strip OM1 62.5/125 LSOH White cable

SC



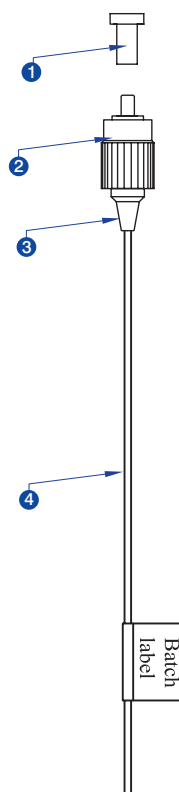
- 1 SC Dust cover
- 2 SC 0.9 multimode Beige connector
- 3 SC 0.9 Beige strain relief boot
- 4 0.9mm Easy Strip OM1 62.5/125 LSOH White cable

LC



- 1 LC Dust cover
- 2 LC 0.9 multimode Beige connector
- 3 LC 0.9 White strain relief boot
- 4 0.9mm Easy Strip OM1 62.5/125 LSOH White cable

FC



- 1 FC Dust cover
- 2 FC 0.9 multimode connector
- 3 FC 0.9 Black strain relief boot
- 4 0.9mm Easy Strip OM1 62.5/125 LSOH White cable

## Performance Characteristics

### Connector

Measure	ST Connector	SC Connector	LC Connector	FC Connector
Insertion Loss dB @850nm	< 0.3	< 0.3	< 0.3	<0.3
Ferrule	2.5mm ceramic	2.5mm ceramic	1.25mm ceramic	2.5mm ceramic
Housing	Nickel Brass	Composite	Composite	Nickel Brass
Connector Design	IEC60874-10-1997	IEC61754-4	IEC61754-20	IEC61754-13-2006
End surface test	OP-03-05001	OP-03-05001	OP-03-05001	OP-03-05001

## Cable

Measure	ST Assembly	SC Assembly	LC Assembly	FC Assembly
Attenuation Max dB @850nm	≤ 3.5	≤ 3.5	≤ 3.5	≤ 3.5
Attenuation Max dB @1300nm	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Bandwidth Min MHz.km @850nm	≥ 200	≥ 200	≥ 200	≥ 200
Bandwidth Min Mhz-Km @1300nm	>600	>600	>600	>600
No of Fibres	1	1	1	1
Outer Diameter mm	0.9	0.9	0.9	0.9
Outer sheath colour	White	White	White	White
Outer sheath $\mu$ m	900	900	900	900
Outer sheath Material	IEC332-1 LSOH	IEC332-1 LSOH	IEC332-1 LSOH	IEC332-1 LSOH
Temperature range °C	-20 to + 70	-20 to + 70	-20 to + 70	-20 to + 70
RoHS Compliant	Yes	Yes	Yes	Yes
Weight kg/km	0.9	0.9	0.9	0.9
Min Bend Radius mm				
During installation	5.0	5.0	5.0	5.0
After installation	3.0	3.0	3.0	3.0

## Part Number Information

Part No.	Description
200-240	OM1 Pigtail ST 1m
200-556	OM1 Pigtail ST 2m
200-550	OM1 Pigtail SC 1m
200-552	OM1 Pigtail SC 2m
200-194	OM1 Pigtail LC 1m
200-558	OM1 Pigtail LC 2m
200-542	OM1 Pigtail FC 1m

## Availability

Excel OM1 pigtails are generally available from stock in 1 and 2 metre lengths. For requirements which may vary from this, such as specific length, colour or labelling requirements, please contact your local Excel distributor.



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