Optical Fibre Components Product Datasheet

Loopback Adaptors

V.3.0

Description

Available in SC and LC connectors with UPC or APC polishing, FibreFab loopback adaptors are ideal for testing equipment and networks. A hard shell around the fibre loop protects the optical fibre from outside interference.

Features

► **Compact design for ease of use**
► **Moulded casing to protect optical fibre**
► **Low insertion loss**
► **Complies with Telcordia EIA/TIA and IEC standards**
► **Ultra low back reflection**
► **Environmentally stable**
► **Available as loopback attenuators on request**

Applications

► **Linking TX/RX channels for single ended testing of networks**
► **Providing a demarcation point in a network**
► **Trouble shooting of network testing**

Technical Specification

OPTICAL PERFORMANCE	
Insertion Loss Singlemode (Typical)	≤ 1 dB
Return Loss Singlemode (PC)	≥ 55 dB
Return Loss Singlemode (APC)	≥ 65 dB
Storage Temperature (°C)	-40 to +85
Operating Temperature (°C)	-40 to +70

Ordering Information

DESCRIPTION	PART NUMBER
Singlemode UPC with SC connector	SCSMLOOPBACK/C
Singlemode APC with SC connector	SCASMLOOPBACK/C
Singlemode UPC with LC connector	LCSMLOOPBACK/C
Singlemode APC with LC connector	LCASMLOOPBACK/C

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