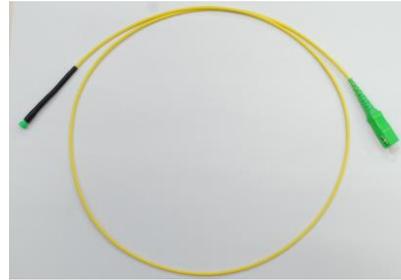


Photonics

High Reflection Termination



Fibrain High Reflection Patchcords are characterized by uniform high return loss in the whole CWDM wavelength range. Their function is to reflect as much light as possible, which is required in some polarization mode dispersion measurement schemes. They are polarization independent passive components. Each patchcord is delivered with a test report. The patchcords are based on various fiber types (G.652.D, G.657.A2, etc.) and their length and connectors are chosen based on customer's order. Detailed selection of the manufacturing components ensures the highest quality of the connectors.

APPLICATIONS

- ✓ Testing systems
- ✓ Polarization mode dispersion and chromatic dispersion measurements
- ✓ Measuring devices calibration

ADVANTAGES & FEATURES

- ✓ 1250 nm - 1650 nm operating range
- ✓ Available as a patchcord with any connector
- ✓ Return loss < 1 dB
- ✓ Each HRT is measured individually

TECHNICAL SPECIFICATIONS:

Parameter	Value
Reflected wavelengths	1250-1650 nm
Return loss	<1 dB
PDL	<0.5 dB
Operating temperature	0 to +45 °C
Storage temperature	-40 to +85 °C
Optical operating power	500 mW
Fiber type	G.652.D, G.657.A1, G.657.A2, others

PACKAGING:

The patchcords are individually packed in string bags.

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ORDERING INFORMATION:

Series	Quality	Fiber type	Fiber length	Cable type	Connector type	Cable color
HRT	G0/G1	1-G.652.D	0 - 0.5 m	25 – 250 µm	ST	OR
		2-G.657.A1	1 - 1 m	90 – 900 µm	SC	Y
		3-G.657.A2	2 - 2 m	20 – 2.0 mm	SCA	GR
		4-G.657.B1		30 – 3.0 mm	FC	GY
		5-G.657.B2			FCA	BL
		6-G.657.B3			LC	BK
		X-other			LCA	V
					E20	R
					E2A	W
					XX-pigtail	
			x-other			

Example: HRT-G0-1-1-20-SCA – Fibrain High Reflection Termination based on G.652.D fiber, 1 m fiber length, 2.0 mm cable, SC APC.

Important notice

Buyer and/or user of this product has to make sure before using this product that it is suitable for the intended use. All questions of liability relating to this product are subject – in accordance with the prevailing – to the Term of Sale of the selling Fibrain subsidiary.