

F-WMUX-LH-CP-O9

3-port 1310/1550 band splitter for splicing



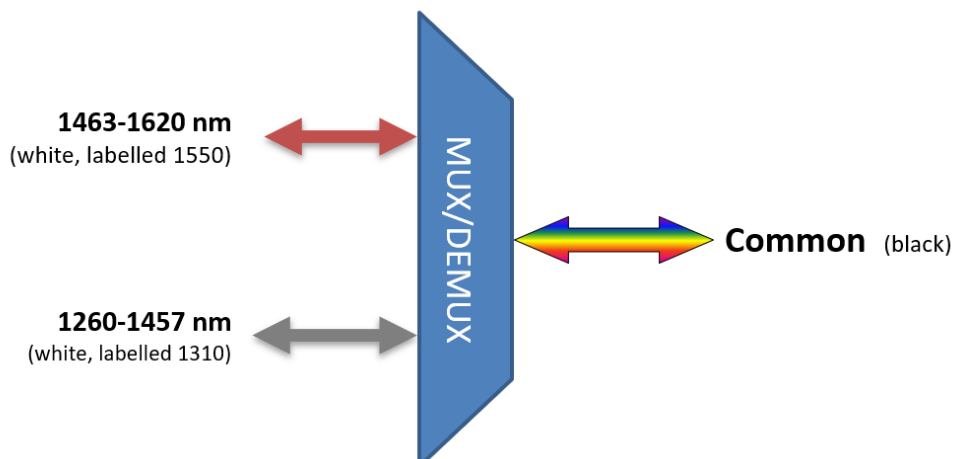
DESCRIPTION

This compact 1310/1550 band splitter can be used to separate the lower and higher parts of the usable wavelength spectrum of a single mode fiber. The lower “1310 nm” part fits the lower 10 CWDM wavelength and the higher “1550 nm” part fits the higher 8 CWDM wavelengths. The compact size is ideal for installation in a splicing enclosure

FEATURES

- 1310/1550 band splitter (1260-1457 / 1463-1620 nm)
- Based on thin film optics with epoxy free optical path
- Protocol transparent (support 1G, 10G etc.)
- 900 µm loose tube pigtails
- Tested for reliability according to Telcordia GR-1209-CORE/GR-1221-CORE

FUNCTIONAL DESCRIPTION



TECHNICAL DATA

Parameter	Unit	Value
Pass Channel Wavelength	nm	1260 - 1457 (1310)
Reflection Channel Wavelength	nm	1463 – 1620 (1550)
Insertion Loss (IL)	dB	< 1.0 (typical < 0.5)
Pass Channel Isolation	dB	> 30
Reflection Channel Isolation	dB	> 14
Ripple	dB	< 0.3
PDL	dB	< 0.11
Return Loss	dB	> 50
Fiber Type		G.652.D, 900 µm loose tube
Fiber Length	m	1.5
Operating temperature	°C	-40 to +75
Storage temperature	°C	-40 to +85
Dimensions (L x Ø)	mm	38 x 5.5

ORDERING INFORMATION

Product number	Description
F-WMUX-LH-CP-O9	Fiberworks outdoor CWDM-PON splitter 1310/1550 band splitter for splice trays.