



High Band Isolation 1310 / 1550nm Wideband Wavelength Division Multiplexer / Demultiplexer

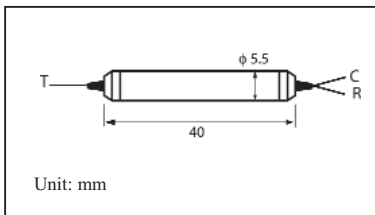
Features/Benefits

- Low thermal drift spectrum
- Wide passband
- High isolation at transmission and reflection
- Low insertion loss
- Epoxy-free optical path
- Totally passive

Applications

- CWDM networks
- Metro, access, enterprise and PON networks
- CATV fiber optic system

Dimensions



Specifications

Parameters	Unit	Performance
1550 Band Wavelength Range	nm	1464 ~ 1618
1310 Band Wavelength Range	nm	1270 ~ 1350
Insertion Loss of Passband*	dB	≤ 1.0
Insertion Loss of Reflection*	dB	≤ 1.0
Transmission Isolation**	dB	≥ 45
Reflection Isolation***	dB	≥ 45
PDL (all ports)	dB	≤ 0.2
Directivity	dB	≥ 55
Optical Return Loss (all ports)	dB	≥ 45

* w/o connector
 ** @ 1350nm
 *** @ 1464nm

Absolute Maximum Rating

Parameters	Unit	Specification
Maximum Optical Power	dBm	25
Operation Temperature	°C	-5 ~ +70
Storage Temperature	°C	-40 ~ +85
Tensile Load	N	5

Ordering Information

