



1 x 2 Triplexer Filter WDM 1310nm/1490nm/1550nm



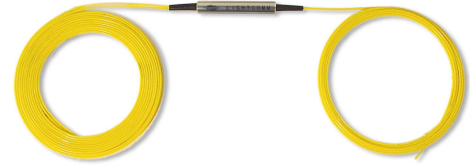
Triplexer filter WDM module is designed for the Triple-Play fiber systems, widely used to work as mux/demux for most typical wavelength bands: 1310nm, 1490nm and 1550nm.

Key Features:

- * Wide pass band
- * High isolation
- * Low insertion loss

Main Applications:

- * FTTH triple-play system
- * Testing instruments



General Specifications:

PARAMETERS	UNIT	SPECIFICATIONS
Central wavelength	Nm	1310, 1490, 1550
Operation Wavelength	nm	1310 ± 50; 1490 ± 10; 1550 ± 10
Pass/Reflection Wavelength	nm	Per customer request
Insertion Loss(Pass Band)	dB	0.6 typ., 0.8 max
Insertion Loss(Reflection Band)	dB	0.4 typ., 0.6 max
Pass Band Isolation	dB	≥ 30 standard; ≥ 45 high isolation
Reflection Band Isolation	dB	≥ 20 standard; ≥ 35 high isolation;
Directivity	dB	≥ 55
Return Loss	dB	≥ 50
PDL	dB	≤ 0.1
Wavelength Thermal Stability	nm/°C	≤ 0.003
Insertion Loss Thermal Stability	dB/°C	≤ 0.005
Power Handling	mW	≤ 500
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-40 ~ +85
Dimensions	mm	φ 5.5 x L 34
Connectors		FC/UPC, FC/APC, SC/UPC, SC/APC,

* The above specification is without connector.

Ordering Information:

TWF—XXX —XX/XX—X—XX/XXX - X

