

### TRI-BAND 1310/1490/1550 WDM

AOFR's 1310/1490/1550nm Tri-band WDM allows 1550nm video signals to be added or dropped to voice and data signals at 1310nm and 1490nm. Low insertion loss, low PDL and high wavelength isolation makes the Tri-band WDM ideal for emerging 'triple play' FTTX networks. The Tri-band WDM is based on proven Thin Film Filter technology enabling low wavelength dependant loss over wide operating bands.

#### FEATURES

- Low insertion loss
- High Isolation
- Telcordia 1209/1221 compliant
- Compact package
- Factory connectorization available

#### APPLICATIONS

- Add/Drop 1550nm
- Video overlaying data/voice networks for FTTX



### SPECIFICATIONS

Configuration	1x2		
Center Wavelengths	1310nm, 1490nm and 1552nm		
Bandpass	1260-1360nm	1475-1505nm	1540-1565nm
	Reflection bands		Transmission band
Maximum Insertion Loss (dB)	0.7		0.7
Minimum Wavelength Isolation (dB)	20		25
Maximum PDL (dB)	0.1		
Minimum Directivity	55dB		
Minimum Return Loss	55dB		
Operating Temperature	-40°C to 85°C		
Fiber type	Corning SMF-28e Photonic (200kpsi)		

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### ORDERING INFORMATION

Catalog Number			
TM	1315	10	L

#### Connector Option

blank	No connectors
AFC	FC angle polish
ASC	SC angle polish
ALC	LC angle polish
FCU	FC Ultra polish
SCU	SC Ultra polish
LCU	LC Ultra polish
STU	ST Ultra polish

Connector return loss:  
Angle polish : 65dB minimum  
Ultra polish: 57dB minimum

### PACKAGE OUTLINES

