

Thin Film Filter Base WDM

Features:

- Low Insertion Loss
- Low PDL
- Epoxy Free in Optical Path

Applications:

- EDFA



Specifications:

Parameters	95 Series		35 Series		34 Series	
	P	A	P	A	P	A
Reflected Band(nm)	P1:980±10		P1:1310±40		P1:1310±20	
Transmitted Band(nm)	P2:1530~1565		P2:1550±40		P2:1490±10	
Reflected Insertion Loss(dB)	≤0.5	≤0.6	≤0.5	≤0.6	≤0.5	≤0.6
Transmitted Insertion Loss(dB)	≤0.8	≤1.0	≤0.8	≤1.0	≤0.8	≤1.0
Transmitted Isolation(dB)	≥28	≥30	≥30	≥35	≥30	≥35
Transmitted Isolation(dB)	≥12	≥15	≥12	≥15	≥12	≥15
PDL(dB)	≤0.1	≤0.15	≤0.1	≤0.15	≤0.1	≤0.15
Directivity(dB)	≥55					
Fiber Type	Corning HI980, HI1060, BF05635-02, Corning SMF-28					
Operating Temperature(°C)	0~70					
Storage Temperature(°C)	-40~85					
Package Dimension(mm)	B: (Φ)3.8×(L)23 for 250μm bare fiber					
	S: (Φ)5.5×(L)35 for 250μm bare fiber w/SS tube					
	L & T: (Φ)5.5×(L)40 for 900μm w/SS tube					

1. All specifications include the effect of all states of polarization.

2. Values referenced without connectors, insertion loss for a connector-pair is 0.20dB to 0.30dB.

3. Package dimension excludes rubber boot.