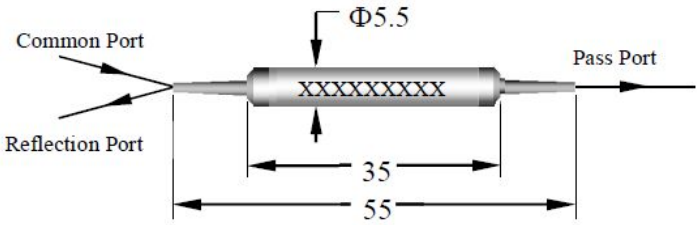
1×2 DWDM Component (DWDM)

DWDM component are based on proven thin-film filter technology and can be used in multi-channel DWDM module. It features wide pass band, low insertion loss, high channel isolation, high stability and reliability.

Key Features

- Low insertion loss
- High channel isolation
- High stability and reliability



Applications

- DWDM systems
- DWDM mux/demux module DWDMsystems

Specifications

Parameter \ Type		100GHz	200GHz
Central wavelength (nm)		ITU channels 186.6~196.1THz	
Operating wavelength (nm)		C-band or L-band	
Passband Width		≥±12.5GHz	≥±33GHz
Insertion Loss*	Transmission	≤1.1	
	Reflection	≤0.4	
Passband ripple (dB)		≤0.4	≤0.3
Isolation (dB)	Transmission adjacent channel	≥30	
	Transmission non-adjacent channel	≥40	
	Reflection channell	≥12	≥13
Directivity (dB)		≥50	
Return loss(dB)		≥45	
PDL (dB)		≤0.2	
PMD (ps)		≤0.2	
Power handling (mW)		≤500	
Operating temperature (℃)		-5 ~ +70	
Storage temperature (℃)		-40 ~ +85	
Dimensions (mm)		Φ5.5× L35	

*The above specification is without connector.

**Other specifications can be made on customer request.

Ordering Information