



850/1300nm Multimode WDM Filter

FEATURES

- High Isolation
- Low Insertion Loss
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

APPLICATIONS

- Broadband Systems
- Optical Add/Drop Multiplexing
- Telecommunication Networks
- Metro Networks
- CATV Networks



SPECIFICATIONS

Parameters	Unit	Value	
Pass Channel Wavelength Range λ_1	nm	1300	
Reflective Channel Wavelength Range λ_2	nm	850	
Insertion Loss	Pass Channel@ λ_1	dB	≤ 1.0
	Reflective Channel@ λ_2	dB	≤ 0.7
Isolation	Pass Channel@ λ_2	dB	≥ 25
	Reflective Channel@ λ_1	dB	≥ 12
Optical Return Loss	dB	≥ 30	
Directivity	dB	≥ 35	
Fiber Type	-	50/125um or 62.5/125um MM Fiber 50/125um MM OM3 Fiber 105/125um MM Fiber	
Maximum Optical Power (CW)	mW	300	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	mm	(Φ)5.5x34 (250um Fiber) (Φ)5.5x39 (900um Fiber)	

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.3dB higher, RL is 10dB lower.
 3. Devices for higher optical power or with other type fiber or consigned fiber are also available.
 4. Specifications are tested at low order modes.
 5. Devices with other wavelength range are also available per request.

ORDERING INFORMATION

FMFM-	NN	NN	-	C	C	NN	-	CC/CCC
<i>Ref Wavelength</i>		<i>Pass Wavelength</i>		<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>		<i>Connector Type</i>
85= 850nm		13= 1300nm		5= 50/125um MM Fiber	B= 250um	10=1.0m		N=Without Connector
13=1300nm		85=850nm		6= 62.5/125um MM Fiber	L= 900um Loose Tube	15=1.5m		FC/APC=FC/APC Connector
				3= OM3 MM Fiber		20=2.0m		LC/PC=LC/PC Connector
				A= 105/125um, NA=0.22				
				B=105/125um, NA=0.15				