850/1550nm Multimode WDM Filter

RoHS Compliant

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 λ1		nm	1550
Reflective Channel Wavelength Range λ2		nm	850
Insertion Loss	Pass Channel@λ1	dB	≤1.0
	Reflective Channel@λ2	dB	≤0.8
Isolation	Pass Channel@λ2	dB	≥25
	Reflective Channel@λ1	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)5.5x38

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

Ref Wavelength
85= 850nm
15=1550nm

Pass Wavelength
15= 1550nm
85=850nm

Fiber Type
5= 50/125um MM Fiber
6= 62.5/125um MM Fiber
3= OM3 MM Fiber
A= 105/125um, NA=0.22
B=105/125um, NA=0.15

Fiber Sleeve
B= 250um
L= 900um Loose Tube

Fiber Length
10=1.0m
15=1.5m
20=2.0m

Connector Type
N=Without Connector
FC/APC=FC/APC Connector
LC/PC=LC/PC Connector