1626nm High Power BP Filter/Tap Hybrid

FEATURES

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

APPLICATIONS

- Broadband Systems
- Optical Amplifying Systems
- Telecommunication Networks
- Metro Networks
- CATV Networks

SPECIFICATIONS

Parameters		Unit	Value
Center Wavelength		nm	1626
Min. Pass Band Width @ 0.5dB		nm	16.0
Excess Loss		dB	≤1.6
Stop Band @25dB		nm	1500~1612 & 1640~1650
Tap Ratio		%	1+/-0.6%, 2+/-0.8%, 5+/-1.0%, 10%, 20%, 30%, 50%
Tap Position	F Type (Forward)	-	Tap is before Bandpass Filter, Y Type (3-port)
Optical Return Loss		dB	≥50
PDL		dB	≤0.15
Fiber Type		-	SMF-28 Fiber or 10/130um DC Fiber (O)
			12/130um DC Fiber (T) or 20/130um DC Fiber (Q)
			25/250um DC Fiber (R) or 25/300um DC Fiber (G)
Fiber Tensile Load		N	5
Max. Optical Power (CW)		W	1, 2, 3, 5, 10, 15, 20
Operating Temperature		°C	0~70
Storage Temperature		°C	-40~85
Package Dimension	Stainless Steel Tube (SST)	mm	(Ø)5.5x40 (≤5W); (Ø)6.0x48 (5~10W)
	Metal Box	mm	(L)90x(W)12x(H)10 (>10W); (L)120x(W)12x(H)10 (≤10W)

Note: 1. Specifications are for device without connectors; Specifications may change without notice.

2. To add connectors, IL is 0.3dB higher, RL is 5dB lower.

3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.

4. Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.

ORDERING INFORMATION (PN)

FHBT-1626-NN NN C -HP NN - (C) (C) C NN -CC/CCC

Bandwidth	*Tap Ratio*	*Tap Port Fiber*	*Optical Power*	*Package*	*Fiber Type*	*Fiber Sleeve*	*Fiber Length*	*Connector Type*
160=16nm	01= 1%	Y=Same Fiber	1= 1W	M=Metal Box	0=10/130 DC Fiber	B= Bare fiber	05=0.5m	N=Without Connector
	05=5%	5=50/125um Fiber	5= 5W	*Blank* for SST	T=12/130 DC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
	10=10%		10=10W	or >10W	G=25/300 DC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
	50=50%		20=20W		*Blank* for SMF-28 Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector