

## High Power Wavelength Division Multiplexer(20W)

### Features

Low insertion loss  
High return loss  
Excellent environmental stability

### Application

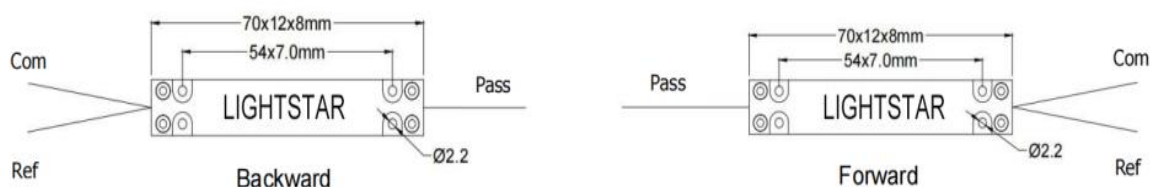
GATV system  
Test instrument  
EPON and GPON network

### Specifications

Parameter	Unit	Value				
Type	nm	1064/980	1550/980	1550/1064	1550/1480	2000/1550
Transfer wavelength	nm	1020~1080	1520~1580	1520~1580	1535~1565	1950~2050
Reflection wavelength	nm	960~990	960~990	1020~1080	1480±10	1550±10
Maximum insertion loss	Transfer channel	dB	0.8	0.7	0.8	0.8
	Reflection channel	dB	0.6	0.5	0.6	0.8
Minimum transfer isolation @Reflection	dB	25	30	25	25	25
Minimum reflection isolation @Transfer	dB	15	15	15	15	12
Maximum channel flat value	dB	0.4				
Minimum extinction ratio@23℃	dB	18				
Maximum wavelength heat stability	nm/℃	0.003				
Maximum insertion loss heat stability	dB/℃	0.005				
Minimum return loss	dB	50				
Maximum tolerable power(CW)	W	1,3,5,10, 20 or Specified				
Maximum tensile load	N	5				
Operating temperature	℃	0~+70				
Storage temperature	℃	-40~+85				

When using the Connector, the processing power is only 1W, the Insertion loss is 0.3dB higher, the return loss is 5dB lower, and the extinction ratio is 2dB lower. The Connector key is aligned with the slow axis.

### Package dimensions



### Ordering information

HPMFWD-①①①①-②③-④④④④-⑤⑥-⑦⑧-⑨⑩

①①①①:Wavelength  
5506=T1550nm/R1064nm  
0698=T1064nm/R980nm  
SSSS=Specify

②: Pump type  
F= Forward  
B= Backward

③: Working axis  
B= Both axis working  
F= Fast Axis Blocked

④④④④: Fiber type  
001=PM1550  
004=Hi1060  
SSS=Specify

⑤: Package dimensions  
0= φ5.5x35mm(≤5W)  
1=70x12x8mm  
S=Specify

⑥: Connector  
0=None  
1=FC/UPC  
2=FC/APC  
S=Specify

⑦: Power  
1= 1W  
2=2W  
S=Specify

⑧: Pigtail type  
1=250um bare fiber  
2=900um loose tube  
S=Specify

⑨: Length  
H=0.5m  
1= 1.0m  
S=Specify