



LP Technical Development Ltd

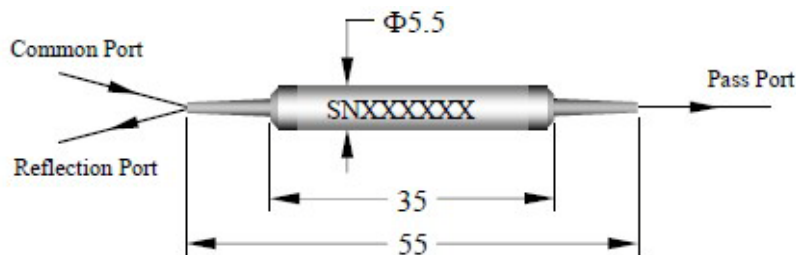
1x2,1x3 PON Filter WDM

Features	Applications
High Isolation Low Insertion Loss High Reliability	PON Network FTTx Networks

Specifications

Parameter	Unit	1x2	1x3
Central wavelength	nm	1310, 1490, 1550	1310, 1490, 1550
Operating Wavelength	nm	1310±40, 1490±10 , 1550±10	1310±40, 1490±10 , 1550±10
Pass/Reflection wavelength	nm	T1310/R1490,1550 T1550/R1310,1490 T1490/R1310,1550 T1310,1490/R1550 T1490,1550/R1310	T1490/R1310,1550
Insertion loss	dB	Pass port : ≤0.8 Reflection: ≤0.6	1490 Port : ≤0.8; 1310 Port : ≤0.5; 1550 Port:≤1.0
Isolation	dB	Pass port : ≥30 Reflection: ≥15	1490 Port : ≥30; 1310 Port : ≥20; 1550 Port: ≥15
Directivity	dB	≥55	
Return loss	dB	≥50	
PDL	dB	≤0.1	
Power handling	mW	≤500	
Wavelength thermal stability	nm/ °C	≤0.003	
Insertion loss thermal stability	dB/ °C	≤0.005	
Operating temperature	°C	0 ~ +70	
Storage temperature	°C	-40 ~ +85	
Dimensions	mm	φ5.5×L35	φ5.5×L50

Package Dimensions



<http://www.lptechnical.com>



Ordering Information

FWDM	Port	Wavelength	Pigtail	Fiber	Length	Connector	Package
	1x2	T1550/R1310,	0=250um bare	0=SMF-28e	0.5m	FC,SC,LC,ST	5.5x35
	1x3	1490	fiber		1m	,MU/UPC,AP	5.5x50
		T1490/R1310,				C	
		1490	1=900um loose tube		2m		