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Wavelength Division Multiplexing (WDM) Devices

Product Features

- Low Insertion Loss
- Low PDL
- Compact Package
- High Reliability (GR-1209, GR-1221 qualified)



Applications

- PON Network
- CATV Network
- Power Distribution
- FTTx
- Test Equipment
- Telecommunication



Specifications

Parameters	Unit	Standard	Hi-WDM
Operating Wavelength	nm	1310/1550	1310 /1550
Operating Temperature	°C	-40~85*	-40~85*
Insertion Loss (Max.)	dB	0.4	0.7
Maximum	dB	0.5	0.5
Minimum Isolation (over temperature-40~75°C) (all SOP ,at specified wavelength)	dB	17	34
Bandwidth	nm	±15	±15
PDL (Max)	dB	0.15	0.15
Thermal Stability	dB	<0.2	<0.2

*-20°C to 70°C for 3.0mm cable package

Ordering Information

W	W	S	I	P	G	L	C
WDM	Wavelength 35=1310&1550	Structure 1x2=12	Isolation Standard=S Hi-WDM=H	Package 01=stainless steel tube +bare fiber 02=stainless steel tube +900um loose tube 03= ABS Box+250um bare fiber 04= ABS Box+900um Loose tube fiber 05= ABS Box+3.0mm Cable fiber	Grade A=A Grade P= P Grade	Tail Length 05=0.5m 10=1.0m 15=1.5m 20=2.0m	Connectors 00=None SC=SC/PC FC=FC/PC FA=FC/APC SA=SC/APC LC=LC

Package Option

- 1、01 = ϕ 3x55mm(tube)
- 2、02 = ϕ 3x60mm(tube)for 1x2 WDM
- 3、03/04/05- ABS Module Size(mm)=100(L)x60(W)x10(H)

W W S I P G L C

Example:W-35-12-S-01-P-15-SA

1x2 premium grade SM standard WDM for 1310/1550 nm light, 250um bare fiber packaged in stainless steel tube and terminated with SC/APC connectors ,tail length = 1.5 meter "