

2x2 50/50 Single Mode Narrowband Splitter



Product Features

- Moisture-Resistant
- Impact-Resistant
- Vibration-Resistant
- Compact Size

Product Applications

- Submarine Cable System
- Submarine Optical Amplifier
- Optical Communication System
- EDFA Module

Specifications

Splitting Ratio:

50:50

Parameter	Unit	Premium	A grade
Port Configuration		2x2	
Bandwidth	nm	±10	
Insertion Loss	Max. dB	3.4	3.6
Excess Loss	Typ. dB	0.07	0.1
PDL	Max. dB	0.05	0.1
Operating power	Max. W	5	
Operating Temperature	°C	-40 to +85	
Storage Temperature	°C	-50 to +85	
Package Type	mm	S6	Ø3x54: for bare fiber

Ultra-High Reliability Test

Results

High Temperature Storage (85°C)	6,000 hours
Temperature Cycling (-40°C to 85°C)	1,000 cycles
Damp Heat Test (85°C /85%RH)	5,000 hours
Low Temperature Storage (-40°C)	6,000 hours
Impact Test (500g, 1ms)	8 times/each axes (3 axes)
Vibration Test (20 to 2,000 Hz/20g)	20 minutes/12 times (3 axes)

Ordering Information

H	R	N	S								
				Wavelength	Structure	Splitting Ratio	Grade	Package	Fiber Type	Pigtail	Fiber Length
				6=1475nm 9=980nm	2=2x2	50=50:50	P=Premium A=A grade	6=S6	1=G662 or Equivalent 5=980-20 6= SM1060 7= SM1060 F LEX 8=980-16 A=Large mode area fiber	5=250µm bare fiber	0=0.5m 1=0.75m 2=1.0m 3=1.5m 4=2.0m ≧=Specify

Note: 1. Central Wavelength can be customized for different applications.
2. All specifications are subject to change without notice.
3. All data are measured at central wavelength at room temperature.