

2x2 1475nm 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
Return Loss*	Min.	dB	50	45
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	

* Test at central wavelength only.

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 (1000g, 1ms)	8 times/each axes (3 axes)
Vibration Test (10 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	2=2x2	50=50:50	P=Premium A=A grade	5=S6	1=SMF-28e	S=250um bare fiber	0=0.5m 1=0.75m 2=1.0m S=Specify

Note: 1. Central Wavelength can be customized for different applications.
2. All specifications are subject to change without notice.