

1x3 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
- Terrestrial Backbone System
- Space Craft Sensing System

Specifications		Splitting Ratio: 33:33:33	
Parameter	Unit	Premium	A grade
Port Configuration		1x3	
Bandwidth	nm	±10	
Insertion Loss	Max. dB	5.4	5.7
Excess Loss	Typ. dB	0.15	0.2
Uniformity	Max. dB	0.8	1.2
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	Ø3.5x54: 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
				4=1550nm 5=1490nm 7=1310nm S=Specify	3=1x3	33=33:33:33	P=Premium A=A grade	5= Ø 3.5x54mm	1=Ø652 or Equivalent	S=250µm bare fiber	0=0.5m 1=0.75m 2=1.0m 3=1.5m 4=2.0m S=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.