

1X8 Fiber Optical Splitter



1, Description:

Optical fiber splitter is a type of optical power management device that is fabricated using silica optical waveguide technology. It features small size, high reliability, wide operating wavelength range and good channel-to-channel uniformity, and is widely used in PON networks to realize optical signal power splitting.

2, Feature:

Good uniformity and low insertion loss
 Low Polarization Dependent Loss
 Excellent Mechanical
 Operating environment: -40° C to +85° C
 Fiber input: 0.9mm or 250 μ m fiber for choice

3, Application:

Fiber optic equipment & systems
 CATV networks
 Data communications
 Passive Optical Networks

4, Specification:

Parameters	1×2	1×4	1×8	1×16	1×32	1×64
Operating Wavelength (nm)	1260~1650					
Fiber Type	G657A or customer specified					
Insertion Loss (dB)(P/S Grade)	3.8/4.0	7.1/7.3	10.2/10.5	13.5/13.7	16.5/16.9	20.5/21.0
Loss Uniformity (dB)	0.4	0.6	0.8	1.2	1.5	2.0
Return Loss (dB) (P/S Grade)	55/50	55/50	55/50	55/50	55/50	55/50
Polarization Dependent loss	0.2	0.2	0.2	0.25	0.3	0.35
Directivity (dB)	55	55	55	55	55	55
Wavelength Dependent Loss	0.3	0.3	0.3	0.5	0.5	0.5
Temperature Stability(-40~85 °C)(dB)	0.4	0.4	0.4	0.5	0.5	0.5
Operating Temperature (°C)	-40~85					

Storage Temperature (°C)	-40~85
Package	Steel Tube or ABS