

Overview

Model Number:

1/64 plc splitter

Place of Origin:

Guangdong, China

Certification:

CE FCC RoHS ISO9001

connector type:

LC/SC/ST/FC/MU/MTRJ, etc

Wavelength:

1260 to 1650nm

Type:

Steel Tube/Mini module

Compliance:

Telcordia GR-1209-CORE GR-1221-COR

Connector:

SC LC

Cable Type:

0.9mm G657A1 white 1meter

Operating temperature:

-40°C to 85°C

Supply Ability

800000 Piece/Pieces per Month

Packaging & Delivery

Packaging Details

bubble bag+Carton

Product Description

Optical 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.

Application

1. FTTX Systems
2. PON Networks
3. CATV Links
4. Optical Signal Distribution

Features

1. Low Insertion loss
2. Low PDL
3. Compact Design
4. Good channel-to-channel uniformity
5. Wide Operating Wavelength: From 1260nm to 1650nm
6. Wide Operating Temperature: From -40°C to 85°C
7. High Reliability and Stability

Specifications

Table 1 – 1×N PLC Splitter

Parameters	1×2	1×4	1×8	1×16	1×32	1×64
Operating Wavelength (nm)	1260~1650					
Fiber Type	SMF-28e or customer specified					
Insertion Loss (dB)(S/P Grade)	4.0/3.8	7.3/7.0	10.5/10.2	13.7/13.5	16.9/16.5	21.0/20.5
Loss Uniformity (dB)	0.4	0.6	0.8	1.2	1.5	2.5
Return Loss (dB) (S/P Grade)	50/55	50/55	50/55	50/55	50/55	50/55
Polarization Dependent Loss(dB)	0.2	0.2	0.3	0.3	0.3	0.4
Directivity (dB)	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	0.3	0.3	0.3	0.5	0.5	0.5
Temperature Stability(-40~85 °C)(dB)	0.5	0.5	0.5	0.5	0.5	0.5
Operating Temperature (°C)	-40~85					
Storage Temperature (°C)	-40~85					
Module Dimension (mm) (L×W×H)	100×80×10	100×80×10	100×80×10	120×80×18	140×115×18	140×115×18

Notes:

1. 1*N, 2*N option for this product
2. Specified without connectors.
3. Add an additional 0.2dB loss per connector.