

# MT-1080 1\*16

## Tube type PLC Splitter



### Quick Details:

01. Product Name : tube type splitter without connector
02. Place of Origin : China
03. Model No : MT- 1080
04. Product length : 1m (Regular length, other length can be customized)
05. Net Weight :30g (1pcs / blister)
06. Connector : without or SC,FC,ST,LC can be chosen from
07. Capacity: 1×2,1×4,1×8,1×16,1×32,2×16,1×32 To choose from
08. Input/output fiber diameter: 0.9mm
09. Adapter type: PC/UPC/APC
- 10.Packing: Blister or plastic bag

### Key Features:

- Low insertion loss, Low PDL and High reliability
- High return loss and Good repeatability
- Wide wavelength range
- Excellent channel-to-channel uniformity

### Description:

This optical splitter use Planer Light wave Circuit (PLC) technology for split ratio 2, 4, 8,16, 32 and 64. And we produce 3 different type splitter PLC, such as micro tube, insert box type and ABS plastic box type. Optical splitter micro tube type refers to the port 0.9 mm slip-on fiber multi channel direct output with a compact design and easy to use. The insert box always be used in the fiber optic terminal box. And the ABS box type always can be used in the ODF and enclosure. All of them application for FTTX network, LAN/WAN or CATV network.

**Technical Specification:**

**PLC Splitter 1xN,2XN PLC Splitter**

Parameters	1x2	2x2	1x4	2x4	1x8	2x8	1x16	2x16	1x32	2x32	1x64	2x64
Operating Wavelength(nm)	1260~1650											
Fiber Type	G657A or customer specified											
Insertion Loss (dB)(P/S Grade)	3.8/ 4.0	4.0/ 4.2	7.1/ 7.3	7.6/ 7.6	10.2/ 10.5	11.0/ 11.2	13.5/ 13.7	14.4/ 14.6	16.5/ 16.9	17.5/ 17.9	20.5/ 21.0	21.0/ 21.5
Loss Uniformity (dB)	0.4	0.6	0.6	1.0	0.8	1.2	1.2	1.5	1.5	2.0	2.0	2.2
Return Loss (dB) (P/S Grade)	55/50											
Polarization Dependent Loss(dB)	0.2	0.2	0.2	0.2	0.2	0.3	0.25	0.3	0.3	0.4	0.35	0.4
Directivity(dB)	55											
Wavelength Dependent Loss(dB)	0.3	0.3	0.3	0.4	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Temperature Stability (-40~85°C)(dB)	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
Operating Temperature(°C)	-40~85											
Storage Temperature(°C)	-40~85											
Device Dimension (mm)(LxWxH)	40x4x 4	40x4x 4	50x4x 4	40x4x4	50x4x4	50x7x4					60x7x4	60x12x4

**Applications:**

- LAN,WAN and Metro Networks
- FTTH project & FTTX Deployments
- CATV System
- GPON,EPON
- Fiber Optic Test Equipment
- Data-base Transmit Broadband Net

**Package:**

You can choose from blister or plastic bags, which have different prices. Blister packaging is shown as follows:Blister packaging is shown as follows:



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