

PLC Splitter

Features

- Low Insertion loss
- Low PDL
- Good channel-to-channel uniformity
- Wide operating wavelength
- Telcordia compliant
- RoHS compliant



Applications

- FTTX systems
- PON networks
- CATV links
- Optical signal distribution

Specifications

Table 1 – 1 × N PLC Splitter

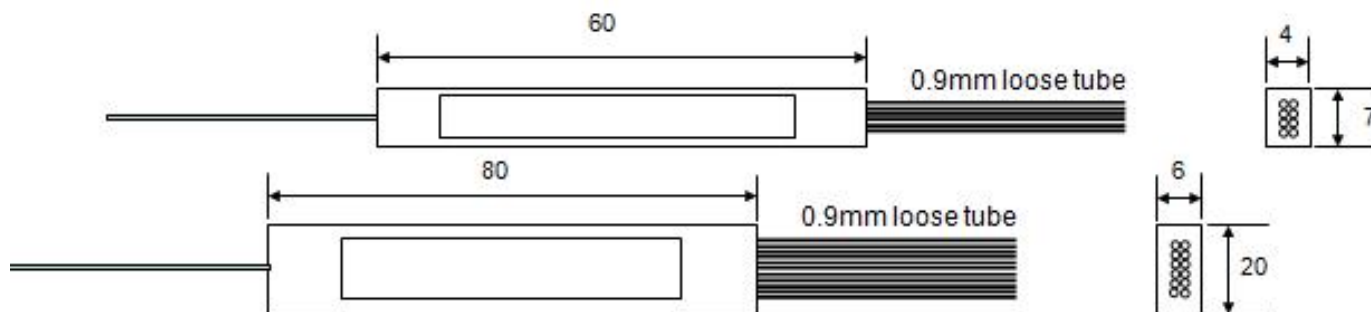
Parameters	1×2	1×4	1×8	1×16	1×32	1×64
Operating Wavelength (nm)	850					
Fiber Type	OM3					
Insertion Loss (dB) (P/S Grade)	4.3	7.3	10.8	14	17	21.3
Loss Uniformity (dB)	0.6	0.6	0.8	1.2	1.5	2.0
Return Loss (dB)	55	55	55	55	55	55
Polarization Dependent Loss(dB)	0.2	0.2	0.2	0.25	0.3	0.35
Directivity (dB)	55	55	55	55	55	55

PLC Splitter

Parameters	1×2	1×4	1×8	1×16	1×32	1×64
Wavelength Dependent Loss(dB)	0.3	0.3	0.3	0.5	0.5	0.5
Temperature Stability(-40~85℃)(dB)	0.4	0.4	0.4	0.5	0.5	0.5
Operating Temperature (℃)	-5~75					
Storage Temperature (℃)	-40~85					
Mini-Module Dimension (mm) (L×W×H)	60×7×4	60×7×4	60×7×4	60×12×4	80×20×6	100×40×6

Mechanical Dimensions

PLC Splitter Mini-Module



PLC Splitter

Ordering Information

PLC Splitter Module

X	XX-	XXX-	XX-	XX-	XX-	X	X
GROWSFIBER	Product Type	Port Configuration	Modules type	Fiber type	Fiber length	Input connector	Output connector
G= GROWSFIBER	PM=PLC Splitter Module	102=1X2 104=1X4 1X8=108 164=1X64 202=2X2 232=2X32	PL=140X115X18, plastic PM=120X80X18, plastic PS=100X80X10, plastic MM=Mini-Module XX=Customized	09=0.9mm 20=2.0mm 30=3.0mm	10=1.0m 15=1.5m 20=2.0m	0=None 1=FC/UPC 2=FC/APC 3=SC/UPC 4=SC/APC 5=LC/UPC 6=LC/APC X=Customized	0=None 1=FC/UPC 2=FC/APC 3=SC/UPC 4=SC/APC 5=LC/UPC 6=LC/APC X=Customized

Part Number	Product Description
GPM-102-MM-09-10-55 GPM-104-MM-09-10-55 GPM-108-MM-09-10-55 GPM-116-MM-09-10-55 GPM-132-MM-09-10-55 GPM-164-MM-09-10-55	

Revision History

Revision	Date	Description
V0	2022-03-07	Initial release