19” Rack mount PLC splitter

Features:

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

Applications:

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

Encapsulation Size

Item	1×2	1×4	1×8	1×16	1×32	1×64
Length*Width*Height (mm)	482*160*44.5					482*160*89
Item	**2×2**	**2×4**	**2×8**	**2×16**	**2×32**	**2×64**
Length*Width*Height (mm)	482*160*44.5					482*160*89

Technical Specs for PLC Splitter with Connector

Item	1x2	1x4	1x8	1x16	1x32	1x64	1x128
Fiber Type	G.657.A						
Working Wavelength	1260nm~1650nm						
Standard Insertion Loss (dB)	≤4.2	≤7.6	≤10.7	≤14.0	≤17.2	≤20.8	≤24.0
P- Grade Insertion Loss (dB)	≤4.0	≤7.4	≤10.5	≤13.8	≤17.0	≤20.4	≤23.7
Uniformity (dB)	≤0.6	≤0.8	≤0.8	≤1.0	≤1.5	≤2.0	≤2.0
PDL (dB)	≤0.2	≤0.2	≤0.3	≤0.3	≤0.3	≤0.4	≤0.5
Wavelength Dependent Loss (dB)	≤0.6	≤0.8	≤0.8	≤1.0	≤1.5	≤2.0	≤2.0
Return Loss (dB)	≥50						
Directivity (dB)	≥55						
Operating Temp. Gange	-40℃~ +85℃						

Note: The above parameter is for Splitter with connector. If w/o connector, insertion loss will reduce by 0.2dB.

Item	2x2	2x4	2x8	2x16	2x32	2x64	2x128
Fiber Type				G.657.A			
Working Wavelength			1260nm~1650nm				
Standard Insertion Loss (dB)	≤4.4	≤8.0	≤11.0	≤14.6	≤17.8	≤21.0	≤24.4
P- Grade Insertion Loss (dB)	≤4.2	≤7.7	≤10.8	≤14.1	≤17.4	≤20.7	≤24.0
Uniformity (dB)	≤0.8	≤1.0	≤1.2	≤1.5	≤1.8	≤2.0	≤3.0
PDL (dB)	≤0.2	≤0.2	≤0.3	≤0.3	≤0.3	≤0.4	≤0.5
Wavelength Dependent Loss (dB)	≤0.8	≤1.0	≤1.2	≤1.5	≤1.8	≤2.0	≤3.0
Return Loss (dB)				≥50			
Directivity (dB)				≥55			
Operating Temp. Gange				-40℃~ +85℃			

Note: The above parameter is for Splitter with connector. If w/o connector, insertion loss will reduce by 0.2dB.

Ordering Info

	Port	Fiber	Input Pigtail	Input Connector	Input Pigtail Length	Output Pigtail	Output Connector	Output Pigtail Length
PLC	102=1x2 104=1x4 108=1x8 116=1x16 132=1x32 164=1x64 128=1x128 204=2x4 208=2x8 216=2x16 232=2x32 264=2x64	1=G657A 2=G652D SP=Special	1=250um Bare Fiber 2=900um tight buffer 3=900um loose tube 4=Φ2.0mm cable 5=Φ3.0mm cable SP=Special	NE=None SU=SC/UPC SA=SC/APC LU=LC/UPC LA=LC/APC FU=FC/UPC FA=FC/APC SP=Special	0=0.5m 1=1m 2=1.5m 3=2m 4=3m SP=Special	1=250um Bare Fiber 2=900um tight buffer 3=900um loose tube 4=Φ2.0mm cable 5=Φ3.0mm cable SP=Special	NE=None SU=SC/UPC SA=SC/APC LU=LC/UPC LA=LC/APC FU=FC/UPC FA=FC/APC SP=Special	0=0.5m 1=1m 2=1.5m 3=2m 4=3m SP=Special