

1xN, 2xN PLC Splitter

Features

Compact Size,
Wideband Operating Range
Low Uniformity
High Reliability

Applications

FTTH
LAN, WAN Systems
CATV Systems



Specifications

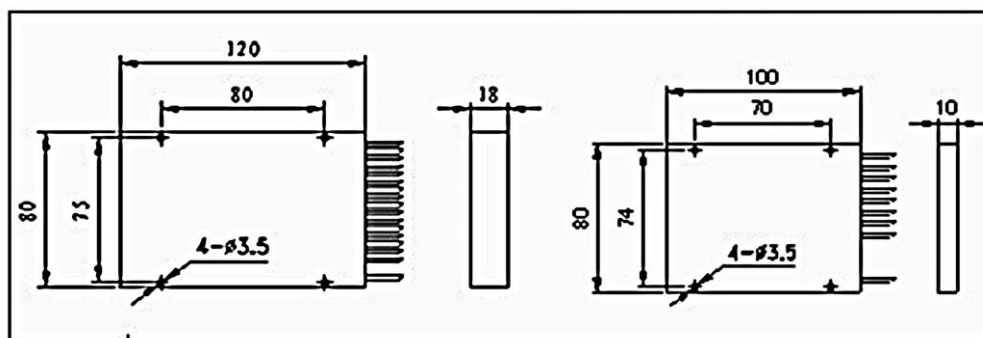
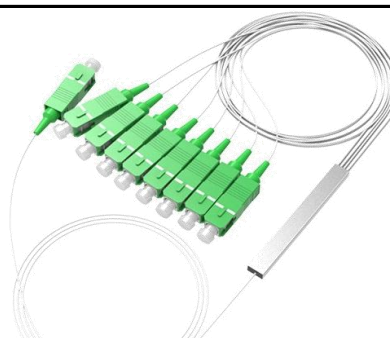
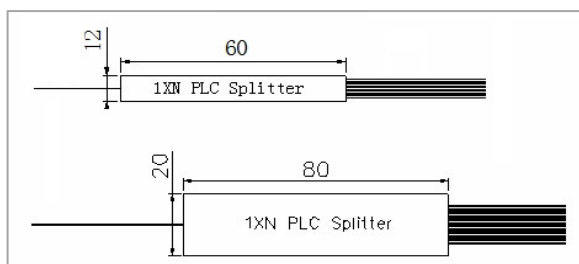
Parameters ^[1]	Unit	Nx2	Nx4	Nx6	Nx8	Nx12	Nx16	Nx24	Nx32	Nx64
Operating Wavelength	nm	1260~1650								
Insertion Loss (IL) ^[2]	dB	≤4.0	≤7.4	≤9.8	≤10.8	≤12.5	≤13.8	≤16.5	≤17.2	≤20.5
Uniformity	dB	≤0.6	≤0.8	≤0.8	≤1.0	≤1.0	≤1.5	≤1.5	≤2.0	≤2.5
PDL	dB	≤0.2	≤0.2	≤0.2	≤0.2	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3
Directivity	dB	≥55								
Return Loss (RL)	dB	≥55								
Fiber Length	m	1								
Fiber Type		SMF-28e, SMF-28e XB								
Max Optical Power Handling (CW)	W	1								
Operating Temperature	°C	-40~ +85								
Storage Temperature	°C	-40~ +85								

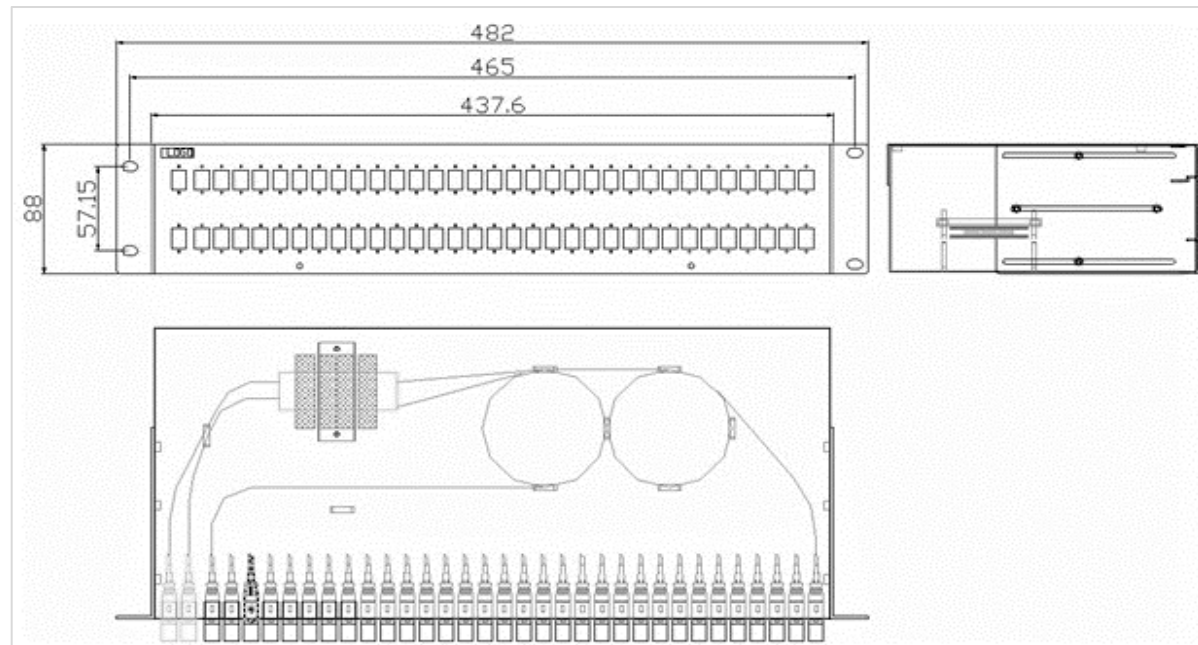
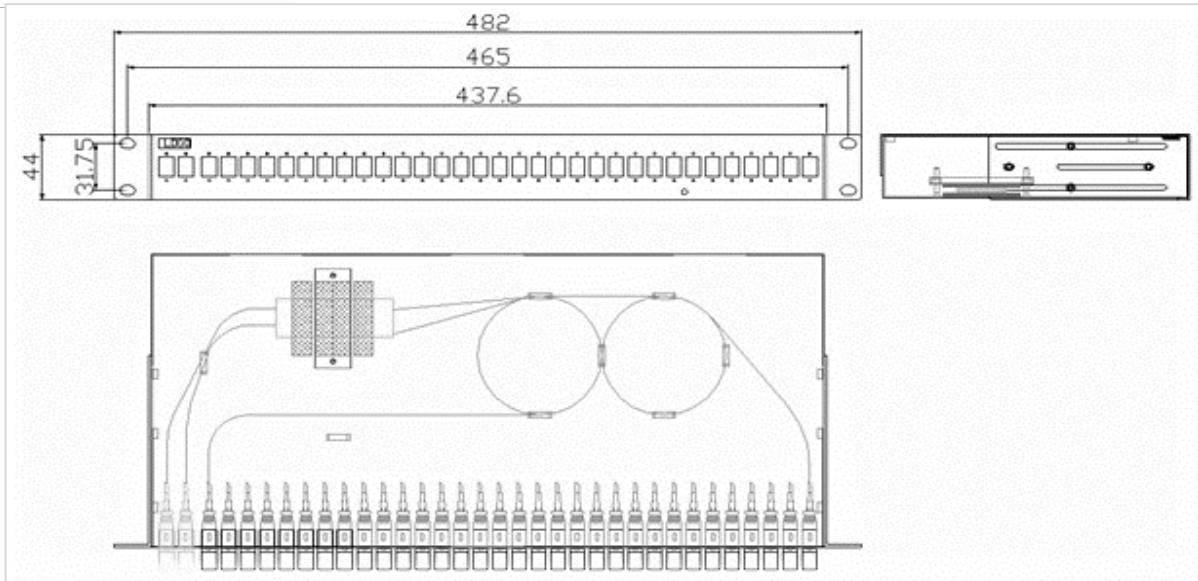
^[1] N=1, 2.

^[2] IL tested at room temperature / without connector. For devices with connectors, IL+0.3dB, RL-5dB.

Package Dimensions

Port Configuration	Nx2	Nx4	Nx6	Nx8	Nx12	Nx16	Nx24	Nx32	Nx64
250µm or 900µm with Fanout	4x4x40	4x4x40	4x4x40	4x4x40	4x4x40	4x7x50	4x7x60	4x7x60	4x12x80
900µm Loose Tube without Fanout	4x12x60				5x12x60	6x20x80			8x20x80
ABS Module	100x80x10				120x80x18		14Nx115x18		
Rack	19" Rack or LGX Box								





Ordering Information

PLC- ①①①-②②②-③-④-⑤⑤-⑥⑥⑥⑥⑥⑥

①	Port Type	1x2; 1x4; 1x8;; 1x64; 2x2; 2x4; 2x8;; 2x64;
②	Input/ Output Pigtail Type	250=250μm Fiber; 900W=900μm with Fanout; 900WO=900μm without Fanout; 2000=2mm Loose Tube; 3000=3mm Loose Tube;
③	Fiber Type	1=SMF-28e; XB=SMF-28e XB;
④	Fiber Length	1= 1m; X=Specify;
⑤	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC;
⑥	Package	40x4x4; 4x7x50; 4x7x60; 4x12x80; 4x12x60;