Fiber Optic UPC Splitter
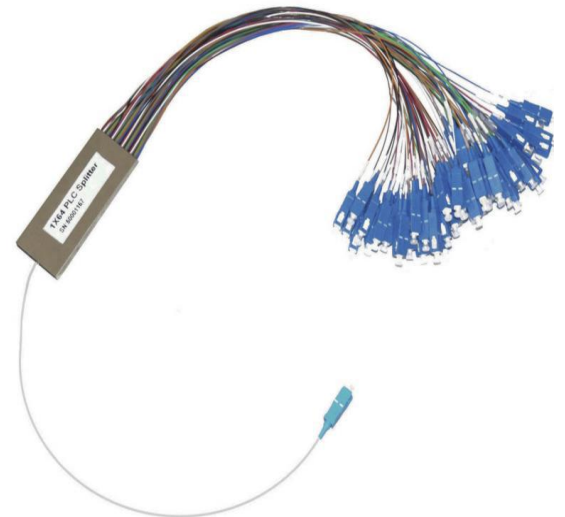
Avalon PLC Splitters are branching devices that are used to distribute optical signals to multiple locations for processing. They are designed or FttX Passive Optical Networks, CWDM, DWDM and optical cable TV System. Our PLC splitter performs superbly across temperatures and wavelengths providing low insertion, ow PDL, excellent uniformity and low return loss. They come in various configurations of 1X2, 1X4, 1X8.1X16 …upto 1X64.

Features

- Compact design
- Low insertion loss and low PDL High reliability
- High channel counts
- Wide wavelength range
- Wide operating temperature range
- Customized packaging and configuration

Applications

- FTTx Systems
- LAN, WAN and Metro Networks Analog/Digital
- Passive Optical Networks CAM/ Networks
- Other applications in fiber optic systems

Specification

Port Configuration	Nx4	Nx8	Nxl6	Nx32
Fiber	SMF-28 or SMF-28e			
Operation Wavelength (nm)	1260 — 1620			
Insertion Loss (dB)	7.4/7,2	10,7/10,5	13.7/13.5	16.9/ 16 .5
Uniformity (dB)	0.5	0.8	1.2	1.5
Polarization Dependent Loss (dB)	0,2	0.2	0.3	0.3
Return Loss (dB)	50			
Directivity (dB)	55			
Operating Temperature ()	-40 — +85			
Storage Temperature ( )	-60 — +85			
Dimension (mm)- (L) (W) (H)		40 4 4		55 7 4

Ordering information

Part Number *	Description
AN -PLCS-1*2*11 L 2 L 2 -R-**XX**/UPC	SPLITTER 1X2 UPC Splitter
AN -PLCS-2*8*1-L-2-L-2 -R-**XX**/UPC	SPLITTER 2X8 UPC Splitter
AN -PLCS 2*32*1 L-2 L-2 -R-**XX**/UPC	SPLITTER 2X32 UPC Splitter
AN- PLCS 2*64*1 L-2 L-2 -R-**XX**/UPC	SPLITTER 2X64 UPC Splitter

* Replace XX with SC, LC, FC or ST connector