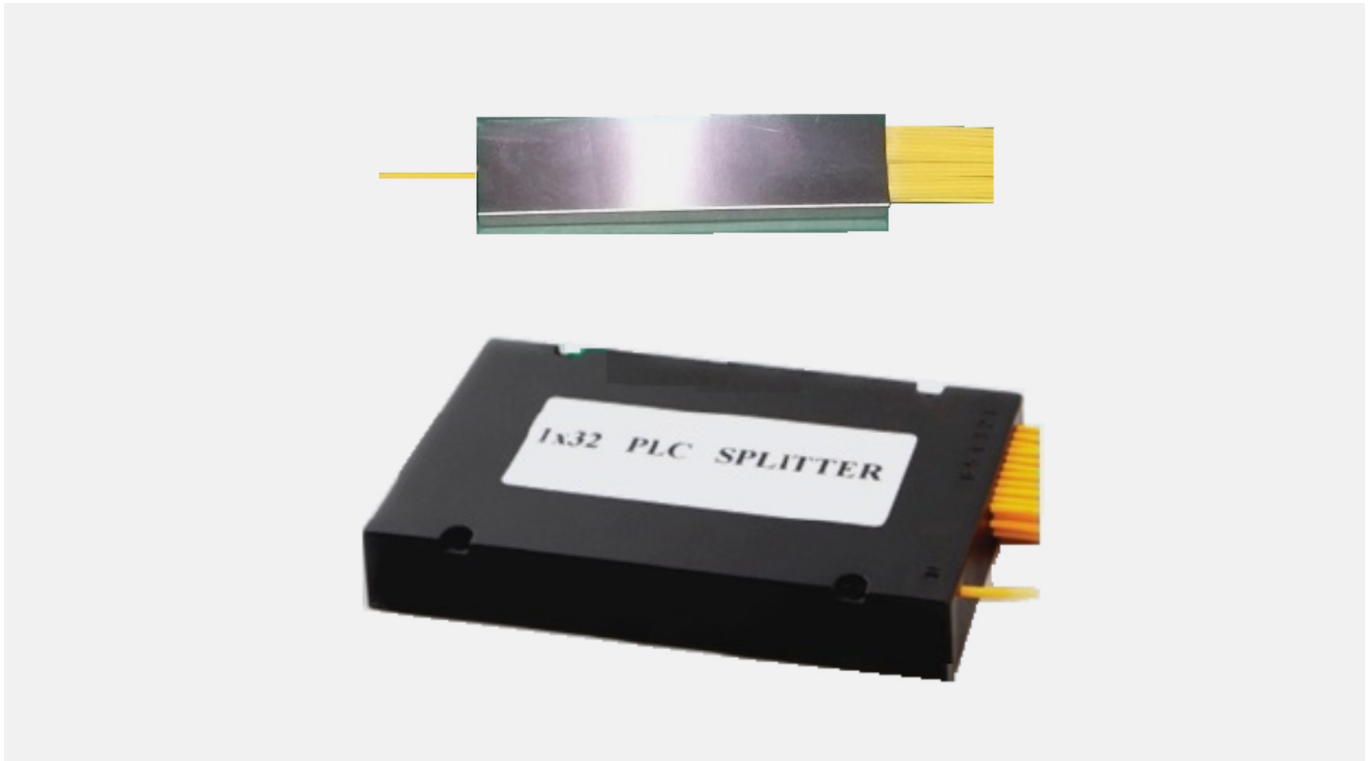


PLC Splitter



Codecom Planar lightwave circuit (PLC) splitter designed to apply a split of services for all FTTN and Central Office Applications.

This PLC splitter is primarily used in PON applications. Meeting all standards and testings requirements, this high end splitter is designed to work within the Codecom FDH cabinet along with our leading edge FTTN solutions.

Applications

- ✓ FTTN
- ✓ LAN, WAN systems
- ✓ CATV systems
- ✓ Test equipment

Features

- ✓ Good Uniformity
- ✓ Low Insertion loss
- ✓ Low PDL
- ✓ Telcordia GR-1209 and GR-1221 qualified

Specifications

Parameters	1 X 16	1 X 32	1 X 64
Fiber type	SMF-28e or customize		
Operating wavelength (nm)	1260~1620		
Insertion loss (dB)	≤13.9	≤17.2	≤21.1
Uniformity (dB)	≤1.2	≤1.7	≤2.3
PDL (dB)	≤0.3	≤0.3	≤0.5
Directivity (dB)	≥55		
Return loss (dB)	≥50		
Input port	250μm bare fiber or 0.9mm loose tube or 2mm tube		
Output port	250μm bare fiber or 0.9mm loose tube or 2mm tube		
Fiber type	Complied to G.625D or G.657A		
Operating temperature(°C)	-40~85		
Storage temperature(°C)	-40~85		

Note: Above specifications are for device without connector. One connector loss is 0.3dB added.

Performance

PLC	Port Type	Wave length	Fiber type	Pigtail Type	Length	Package	Connector
	1×2	1260~1620	G652D	0=250um bare	10=1m	40×4×4	None
	1×4		G657A1	fiber	15=1.5m	60×7×4	FC/PC
	1×8		G657A2	1=900um loose	20-2m	100×80×10	FC/APC
	1×16			tube		120×80×18	
	1×32					LGX Rack	