

Optical Splitters PLC Splitters



PLC Splitters are based on the planar waveguide technology. They provide a low cost power distribution solution with small form factor and high reliability.

Features

- Low insertion loss
- Low PDL
- High return loss
- Uniform power splitting
- Compact design
- Wide operating wavelength
- Wide operating temperature
- Excellent environmental & mechanical stability
- Qualified under telcordia GR-1221 and GR-1209
- SC/APC standard connectors

Applications

- FTTx (FTTB, FTTH, FTTC)
- Passive Optical Networks (PON)
- Local Area Networks (LAN)
- CATV systems
- Test equipments

		1xN Splitters			
ITEMs		1x8	1x16	1x32	1x64
Fracarro Code		287407	287408	287409	287410
Operating Wavelength	nm	1260~1650			
Parameter Grade	nm	Grade S			
MAX Insertion loss	dB	10.9	14.00	17.2	20.5
Uniformity (Max.)	dB	0.8	1.0	1.5	2.0
Polarization Dependent Loss (Max.)	dB	0.3	0.3	0.3	0.4
Return Loss	dB	≥55 (APC type connectors)			
Directivity	dB	≥55			
Operating & Storage Temperature	°C	-40~+85			
Connectors	Type	SC/APC			

Device Schematic Drawing

