

# PLC SPLITTER - RACK MOUNT



Planar Light Circuit (PLC) splitters exhibit uniform signal splitting for FTTH and PON network. It is fabricated using silica optical waveguide technology. Splitters come with SC adapter. It meets GR-1209 and GR-1221 standard for performance and reliability.

## KEY FEATURES

- Quartz substrate integrated waveguard
- Good Uniformity and low insertion loss
- Low Polaration Dependent Loss
- Excellent Environmental Stability
- High Reliability
- Channel-to-Channel uniformity
- Small size

PARAMETER	SPECIFICATIONS											
	1X2	1X4	1X8	1X16	1X32	1X64	2X2	2X4	2X8	2X16	2X32	2X64
WAVELENGTH (NM)	1260-1650											
MAX. INSERTION LOSS (DB)	3.8/4.1	7.0/7.4	10.0/10.3	13.5/13.7	16.5/16.9	21	4.1/4.3	7.3/7.6	10.3/10.5	13.7/13.9	16.8/17.2	21.5
MAX. LOSS UNIFORMITY (DB)	0.6	0.6	0.8	1.2	1.5	2.5	0.8	0.8	1.5	2.0	1.5	2.5
MAX. PDL (DB)	0.2	0.2	0.3	0.3	0.3	0.4	0.2	0.2	0.4	0.4	0.4	0.4
RETURN LOSS (DB)	≥50											
DIRECTIVITY (DB)	≥55											
PIGTAIL LENGTH (M)	1.2 (± 0.1), CUSTOMER SPECIFIED											
FIBER TYPE	CORNING SMF-28E, CUSTOMER SPECIFIED											
OPERATING TEMPERATURE (°C)	-40 - +85											

## APPLICATIONS

- FTTH (FTTP, FTTH, FTTN, FTTC)
- Passive Optical Networks (PON)
- Local Area Networks (LAN)
- Test Equipment
- Monitoring system

## ORDERING INFORMATION

PART CODE	DESCRIPTION
NFS-FSSSC2-32-APC	2 x 32 PLC Splitter Module with SC/ APC Adapters