

SPLITTER ASSEMBLIES



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NEXCONEC® Planar Lightwave Circuit (PLC) splitters are specially designed for Fiber Optic Distribution Network applications. PLC splitters are available in the form of bare type, compact component type, ABS box type.

NEXCONEC PLC splitters come with a variety of connector options to meet customer requirements. A move towards PON's within the FTTx arena calls for a device offering low insertions loss, linear uniformity and high return loss, our splitters provide excellent specifications as well as complying to and exceeding Telcordia GR-1221-CORE and GR-1209-CORE standards.

FEATURES

- ✓ Rugged Construction
- ✓ Low Input Polarization Sensitivity
- ✓ Customized Packaging Available
- ✓ High Quality Connector Fanouts Available
- ✓ RoHs, REACH Compliant
- ✓ Product is compliant with Telcordia GR-1209-CORE and GR-1221-CORE

SPECIFICATIONS

Parameters	Value												
	1x2	1x4	1x8	1x16	1x32	1x64	1x128	2x2	2x4	2x8	2x16	2x32	2x64
Operating Wavelength	1260nm to 1650nm												
Insertion Loss (AVE. dB)	4	7.3	10.5	13.8	16.8	20.5	24.5	4.4	8	11.7	14.7	17.9	21.5
Insertion Loss (MAX. dB)	4.5	7.7	11.2	14.2	17.5	21.4	25.6	4.7	8.3	12	15	18.2	22.4
Return Loss (dB)	55dB												
PDL (AVE. dB)	0.1	0.1	0.15	0.15	0.15	0.3	0.85	0.1	0.1	0.2	0.3	0.3	0.4
PDL (MAX. dB)	0.2	0.2	0.3	0.3	0.3	0.4	1.0	0.2	0.2	0.4	0.4	0.4	0.5
Uniformity (AVE. dB)	0.4	0.5	0.6	0.7	0.9	1.6	2.7	0.5	1	1	1.2	1.5	2.5
Uniformity (MAX. dB)	0.6	0.8	1	1.4	1.7	2.0	3.0	0.8	1.4	1.7	2	2.2	2.8
Directivity (dB)	55dB												
Operating Temp. (°C)	-40 ~ +70												
Storage Temp. (°C)	-40 ~ +70												
Standards	Telcordia GR-1221-CORE and GR-1209-CORE												
Dimension (mm) Bare Type	40x4x4			50x7x4		60x12 x4	80x20 x6	50x4x4			60x7x4		60x12x4
Dimension (mm) Compact Type	60x7x4			60x1 2x4	80x20 x6	100x4 0x6	120x8 0x8	60x7x4			60x12 x4	80x20 x6	100x4 0x6
Dimension (mm) ABS Box Type	100x80x10			120x80x18			140x1 14x18	100x80x10			120x80x18		

* All data above are tested with connectors at both ends.

ORDER INFORMATION

Ask Sales for Order Details: sales@nexcotec.com

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