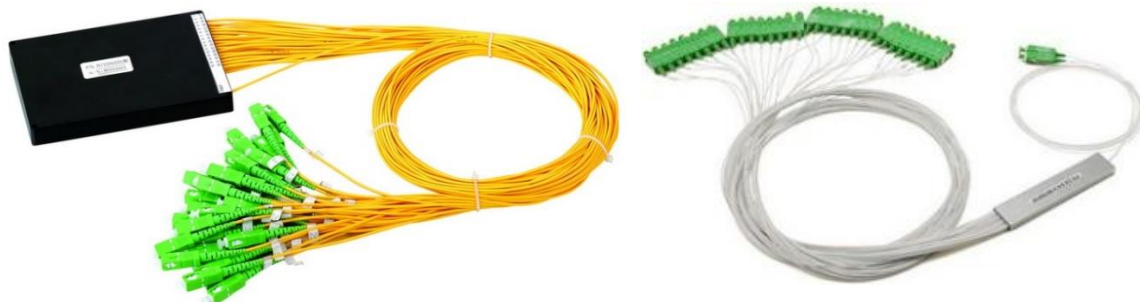


SPLITTER ASSEMBLIES



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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													
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

PLC	1	2	3	4	5	6	7
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PLC	1	SPLIT RATIO	2	CONNECTOR END A	3	CONNECTOR END B	4	FIBER TYPE	5	FANOUT STYLE	6	CABLE OD	7	LENGTH
12	1x2	S1	SC	S1	SC	2D	G.652D	F05	Inline 500mm	0	250µm	0.5	0.5mtr	
14	1x4	S2	SCA	S2	SCA	A1	G.657A1	F10	Inline 1000mm	0.9	0.9mm	1	1mtr	
16	1x6	L1	LC	L1	LC	A2	G.657A2	F15	Inline 1500mm	2	2.0mm	1.5	1.5mtr	
18	1x8	L2	LCA	L2	LCA					X	N/A	2	2mtr	
116	1x16	F1	FC	F1	FC									
132	1x32	F2	FCA	F2	FCA									
22	2x2	XX	OPEN	XX	OPEN									
24	2x4													
28	2x8													
216	2x16													
232	2x32													