

SPLITTER MODULES



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NEXCONEC® introduces a new family of PLC Splitter loaded into our family of Modules: LGX, HD or NGX. Module provides a plug-and-play solution for higher scalability for network upgrades. The PLC Module features low insertion loss, low polarization dependent loss, and high port-to-port uniformity. The PLC Splitter Modules are available in 4-, 8-, 16-channel configurations with SC or LC ports.

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	2x2	2x4	2x8	2x16	2x32
Operating Wavelength	1260nm to 1650nm									
Insertion Loss (AVE. dB)	4	7.3	10.5	13.8	16.8	4.4	8	11.7	14.7	17.9
Insertion Loss (MAX. dB)	4.5	7.7	11.2	14.2	17.5	4.7	8.3	12	15	18.2
Return Loss (dB)	55dB									
PDL (AVE. dB)	0.1	0.1	0.15	0.15	0.15	0.1	0.1	0.2	0.3	0.3
PDL (MAX. dB)	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.4	0.4	0.4
Uniformity (AVE. dB)	0.4	0.5	0.6	0.7	0.9	0.5	1	1	1.2	1.5
Uniformity (MAX. dB)	0.6	0.8	1	1.4	1.7	0.8	1.4	1.7	2	2.2
Directivity (dB)	55dB									
Operating Temp. (°C)	-20 ~ +70									
Storage Temp. (°C)	-20 ~ +70									

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

ORDER INFORMATION

SM	1	2	3	4	5
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SM	1	Type	2	CONFIG.	3	FIBER TYPE	4	INPUT	5	OUTPUT
	L	LGX	12	1x2	2D	G.652D	S1	SC	S1	SC
	H	HD	14	1x4	A1	G.657A1	S2	SCA	S2	SCA
	N	NGX	18	1x8	A2	G.657A2	L1	LC	L1	LC
			16	1x16			L2	LCA	L2	LCA
			22	2x2						
			24	2x4						
			28	2x8						
			26	2x16						