

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

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

**ORDER INFORMATION**

<b>SM</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
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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						