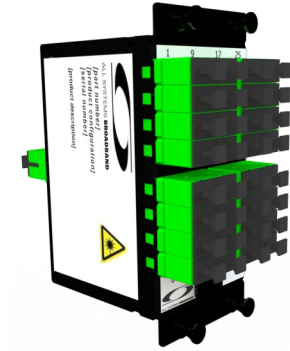


Amphenol Broadband Solutions offers a complete line of Mini LGX® style splitter cassettes for a wide range of uses in various optical network designs.

The product family includes single, dual, and triple wide LGX style cassettes with splitters from 2 to 64 outputs. The Mini LGX splitters can be configured to have the input on the front or rear of the cassette. Device packaging has been designed to provide stable optical performance across a wide operating temperature range.

Planar Lightwave Circuit (PLC) technology is utilized for all splitters with 4 or more output fibers. Fused Bionical Taper (FBT) technology is utilized for splitters with 2 output fibers. Devices have been tested to Telcordia GR-209 and GR-1221 requirements.



1 x 32 Mini LGX Splitter Cassette

Features:

- FBT and PLC splitter types
- Low optical insertion
- SC and LC connectors available
- Low insertion loss
- Rear input as standard configuration, input port can be placed on front of cassette upon request.

Specifications:

Parameter	Unit	FBT Values			PLC Values		
Configuration	-	1x2	1x4	1x8	1x16	1x32	1x64
Operating Wavelength	nm	1310/1550 ± 40			1260—1650		
Ratio	-	Symmetrical & Asymmetrical			Symmetrical		
Insertion Loss (Max) *	dB	≤3.6	≤7.2	≤10.5	≤13.5	≤16.5	≤20.2
Uniformity *	dB	≤1.1	≤0.5	≤0.8	≤1.2	≤1.7	≤2.0
PDL *	dB	≤0.15			≤0.3		
Return Loss	dB	≤50			≤55		
Directivity	dB	≤55			≤55		

* Excludes connector loss. With connectors, add 0.3dB, and 0.2dB, and 0.05dB, for insertion loss, uniformity, and PDL, respectively.

LGX® is a registered trademark of OFS FITEL, LLC

Ordering Information:

CIFA Number	Description	Part Number
34601	1x2 FBT Splitter, Mini-LGX Cassette, SC/APC, rear input port Configuration: ASBPSP-C412E1-NNS7P	ASBPSP1026402
34602	1x4 PLC Splitter, Mini-LGX Cassette, SC/APC, rear input port Configuration: ASBPSP-L114E1-NNS7P	ASBPSP1026380
34603	1x8 PLC Splitter Mini-LGX Cassette, SC/APC Configuration: ASBPSP-L118E1-NNS7	ASBPSP1026381
34604	1x16 PLC Splitter Mini-LGX Cassette, SC/APC Configuration: ASBPSP-L11AE1-NNS7	ASBPSP1026382
34605	1x32 PLC Splitter Mini-LGX Cassette, SC/APC Configuration: ASBPSP-L11BE1-NNS7	ASBPSP1026383