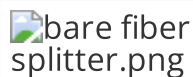


**HA-SPLIT-X-XXSGG-BS**

Bare Fiber PLC Splitter



Planar Light-wave Circuit Splitter (PLC Splitter) is based on the wave circuit process of unique silica glass, with reliable precision aligned fiber pigtail in a miniature package. It provides a low cost distribution solution with small dimension and high reliability. Bare fiber splitter is a kind of ODN product suitable for PON networks that can be installed in the pigtail cassette, test instrument and WDM system, it minimizes the space occupation. Bare fiber splitter is relatively fragile on fiber protection and need a complete protection design on carrying box body and device. The input and output fiber diameter is 250 um. According to customer requirements, it can be a ribbon fiber output or a dispersion fiber output.

Features / Benefits

- Low insertion loss, low PDL, high return loss.
- Excellent uniformity over a wide wavelength range from 1260nm to 1650nm
- Working in temperature from -40°C to +85°C. Excellent uniformity over a wide wavelength range from 1260nm to 1620nm

Technical Features**ELECTRICAL SPECIFICATIONS**

Directivity	≥ 55 dB
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VARIATION INFORMATION

Model Number	HA-SPLIT-1-02SGG-BS	HA-SPLIT-1-04SGG-BS	HA-SPLIT-1-08SGG-BS		
Split Ratio	1 x 2	1 x 4	1 x 8		
Insert Loss Standard Grade	4 dB	7.4 dB	10.5 dB		
Insert Loss Premium Grade	3.8 dB	7.2 dB	10.3 dB		
Uniformity (Max)	0.5 dB	0.6 dB	0.8 dB		
PDL (Max)	0.2 dB	0.2 dB	0.3 dB		
TDL (Max)	0.5 dB	0.5 dB	0.5 dB		
Height	4 mm	4 mm	4 mm		
Width	40 mm	40 mm	40 mm		
Depth	4 mm	4 mm	4 mm		