



RFS Cassette type splitters are the most commonly used in the PON networks, and it has the complete protection for inner optical components and cable, as well as the convenient installation and easy to use, but its volume is relatively large. It's mainly used for various of connection and distribution products or network cabinets.

FEATURES / BENEFITS

- Low insertion loss, low PDL, high return loss.
- Excellent uniformity over a wide wavelength range from 1260nm to 1620nm
- Working in temperature from -40 to +85
- Conforms to Telcordia GR1209 and GR1221 standards, YD/T2000.1-2009 standard
- Plug and Play for Easy Installation
- G.657A for stable Transmission
- Fire rated Safe and Suitable as part of In-Building Solutions



External Document Links

Notes

Technical features

GENERAL SPECIFICATIONS

Product Line		FPS
Product Type		Optical Splitter

TESTING AND ENVIRONMENTAL

Storage Temperature	°C (°F)	-40 to 85 (-40 to 185)
Operation Temperature	°C (°F)	-40 to 85 (-40 to 185)
Installation Temperature	°C (°F)	-15 to 40 (5 to 104)

FAMILY INFORMATION

Model Name	HA-SPLIT-1-02SUU-CS	HA-SPLIT-1-03SUU-CS	HA-SPLIT-1-04SUU-CS	HA-SPLIT-1-06SUU-CS
Split Ratio	1 x 2	1 x 3	1 x 4	1 x 6
Dimensions (L x W x H)	100 mm x 80 mm x 9 mm	100 mm x 80 mm x 9 mm	100 mm x 80 mm x 9 mm	100 mm x 80 mm x 9 mm
Insert Loss Standard Grade	4.0 dB	5.8 dB	7.4 dB	9.0 dB
Insert Loss Premium Grade	3.8 dB	5.6 dB	7.2 dB	8.8 dB
Uniformity (Max)	0.5 dB	0.5 dB	0.5 dB	0.6 dB
PDL (Max)	0.2 dB	0.2 dB	0.2 dB	0.2 dB
TDL (Max)	0.5 dB	0.5 dB	0.5 dB	0.5 dB
Directivity	≥55 dB	≥55 dB	≥55 dB	≥55 dB
Fiber type	ITU-T G657A2	ITU-T G657A2	ITU-T G657A2	ITU-T G657A2
Model Name	HA-SPLIT-1-08SUU-CS	HA-SPLIT-1-12SUU-CS	HA-SPLIT-1-16SUU-CS	HA-SPLIT-1-24SUU-CS
Split Ratio	1 x 8	1 x 12	1 x 16	1 x 24
Dimensions (L x W x H)	100 mm x 80 mm x 9 mm	120 mm x 80 mm x 18 mm	120 mm x 80 mm x 18 mm	120 mm x 80 mm x 18 mm
Insert Loss Standard Grade	10.5 dB	12.2 dB	13.7 dB	15.2 dB
Insert Loss Premium Grade	10.3 dB	12.0 dB	13.5 dB	15.0 dB
Uniformity (Max)	0.8 dB	0.8 dB	0.8 dB	1.2 dB
PDL (Max)	0.2 dB	0.3 dB	0.3 dB	0.3 dB
TDL (Max)	0.5 dB	0.5 dB	0.5 dB	0.5 dB

**HA-SPLIT-X-XXSUU-CS**

Cassette type Optical Splitter

Directivity	≥55 dB	≥55 dB	≥55 dB	≥55 dB
Fiber type	ITU-T G657A2	ITU-T G657A2	ITU-T G657A2	ITU-T G657A2
Model Name	HA-SPLIT-1-32SUU-CS	HA-SPLIT-1-64SUU-CS	HA-SPLIT-2-02SUU-CS	HA-SPLIT-2-04SUU-CS
Split Ratio	1 x 32	1 x 64	2 x 2	2 x 4
Dimensions (L x W x H)	120 mm x 80 mm x 18 mm	140 mm x 114 mm x 18 mm	100 mm x 80 mm x 10 mm	100 mm x 80 mm x 10 mm
Insert Loss Standard Grade	16.9 dB	21.0 dB	4.3 dB	7.7 dB
Insert Loss Premium Grade	16.7 dB	20.5 dB	4.1 dB	7.5 dB
Uniformity (Max)	1.2 dB	1.5 dB	0.8 dB	1.0 dB
PDL (Max)	0.3 dB	0.3 dB	0.2 dB	0.2 dB
TDL (Max)	0.5 dB	0.5 dB	0.5 dB	0.5 dB
Directivity	≥55 dB	≥55 dB	≥55 dB	≥55 dB
Fiber type	ITU-T G657A2	ITU-T G657A2	ITU-T G657A2	ITU-T G657A2
Model Name	HA-SPLIT-2-08SUU-CS	HA-SPLIT-2-16SUU-CS	HA-SPLIT-2-32SUU-CS	HA-SPLIT-2-64SUU-CS
Split Ratio	2 x 8	2 x 16	2 x 32	2 x 64
Dimensions (L x W x H)	100 mm x 80 mm x 10 mm	120 mm x 80 mm x 18 mm	120 mm x 80 mm x 18 mm	140 mm x 114 mm x 18 mm
Insert Loss Standard Grade	10.8 dB	14.0 dB	17,2 dB	21.3 dB
Insert Loss Premium Grade	10.6 dB	13.8 dB	17.0 dB	20.8 dB
Uniformity (Max)	1.2 dB	1.5 dB	1.8 dB	2.5 dB
PDL (Max)	0.3 dB	0.3 dB	0.3 dB	0.5 dB
TDL (Max)	0.5 dB	0.5 dB	0.5 dB	0.5 dB
Directivity	≥55 dB	≥55 dB	≥55 dB	≥55 dB
Fiber type	ITU-T G657A2	ITU-T G657A2	ITU-T G657A2	ITU-T G657A2