



FIBRE OPTICAL PLC CASSETTE SPLITTERS

PASSIVE

FIBRE OPTIC PLC CASSETTE STYLE SPLITTERS SC/APC

Product Code: DF/S1xx



Example of the 1 x 16 way PLC Splitter.
The image and colour may vary to the actual product.

These fibre optical PLC splitters are specifically designed for use in medium to large fibre distribution networks. These units provide long life stability, reliability and long lasting superior performance in commercial environments.

FEATURES

- Module cartridge cassette design
- 19" rack mounting in a 3RU space (bracket sold separately)
- Wide operating optical wavelength
- Low insertion loss
- Polarisation insensitive
- Suit cassette style fibre termination boxes
- Simple installation

Specifications		DF/S12	DF/S14	DF/S18	DF/S116	DF/S132	
Optical Parameters	Fibre Inputs	1					
	Fibre Outputs	2	4	8	16	32	
	Operation Wavelength	1260 to 1650					nm
	Supports	EPON, GPON, XGPON					
	Directivity	≥ 55					dB
	Return Loss	≥ 55					dB
	Insertion Loss	≤ 3.6	≤ 7.3	≤ 10.5	≤ 13.7	≤ 16.9	dB
	Insertion Loss Uniformity	≤ 0.4	≤ 0.6	≤ 0.8	≤ 1.2	≤ 1.5	dB
	Insertion Loss Temperature Sensitivity	≤ 0.4	≤ 0.4	≤ 0.4	≤ 0.5	≤ 0.5	dB / °C
	Connector Loss	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2	dB
	Polarisation Loss	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.25	≤ 0.3	dB
	Fibre Type	G657A					
	Optical Connectors	SC/APC					
Other	Operating Temperature	- 20 to + 75					°C
	Storage Temperature	- 40 to + 85					°C
	Dimensions (H x W x D)	25 x 130 x 100			50 x 130 x 100	100 x 130 x 100	mm

Specifications are subject to change without notice