

FDH Cabinet - Splitter Module

Optical splitters for fiber distribution cabinets of a PON architecture



Engenuity Planar Lightwave Circuit (PLC) splitter modules are high quality and reliable, low insertion loss passive optical components used in our outdoor fiber distribution cabinets.

FEATURES

- Low Insertion Loss
- Splitter module available in 1×2, 1×4, 1×8, 1×16, 1×32 and 1×64 ratio
- SC/APC connectors (LC/APC available upon request)
- Compact Design
- Excellent output uniformity
- Includes Parking Module for unused tails



OUTSIDE PLANT

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SPECIFICATION

PARAMETERS	Split Ratio					
	1X2	1X4	1×8	1×16	1×32	1×64
Operating Wavelength (dB)	1260 ~ 1650					
Insertion Loss, Max. (dB)	4.6	8	11.3	14.3	17.5	21.6
Uniformity (dB)	0.7	0.9	1.1	1.5	1.8	2.8
PDL, Max. (dB)	0.2	0.2	0.3	0.3	0.3	0.4
WDL (dB)	0.3	0.3	0.3	0.5	0.5	0.5
Return Loss, Min. (dB)	UPC = 50 / APC = 55					
Directivity Min. (dB)	55					
Operating Temp. (°C)	-40 ~ +85					
Fiber Type	Input/output:1.6mm Cable					

ORDERING INFORMATION

Enginuity Part #	Description
SPC1X21	Splitter Module, 1×2 SC/APC, FDH Cabinet
SPC1X41	Splitter Module, 1×4 SC/APC, FDH Cabinet
SPC1X81	Splitter Module, 1×8 SC/APC, FDH Cabinet
SPC1X161	Splitter Module, 1×16 SC/APC, FDH Cabinet
SPC1X321	Splitter Module, 1×32 SC/APC, FDH Cabinet
SPC1X641	Splitter Module, 1×64 SC/APC, FDH Cabinet