

PRODUCT DATA SHEET

P/N 57-41S-CD0-00

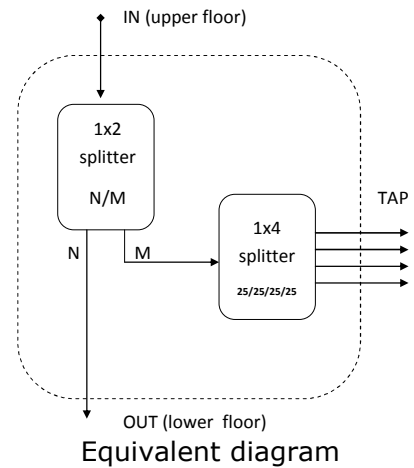
1x5 TAP-OFF DUAL WINDOW OPTICAL SPLITTER



Adapter version (FC/PC only)



Tailed version



Equivalent diagram

Key features

Based on FBS-Fusion Biconic Splitting technology
 Wavelength independent, 1310-1550 nm
 Low insertion loss and PDL
 Available with different combinations of end connectors or with female FC/PC adapters
 Meet Telcordia GR-1221 standard

Applications

CATV, Digital TV and SAT-TV
 PON and FTTx networks

TECHNICAL SPECIFICATIONS

Optical characteristics					
Wavelength	1310±40 nm 1550±40 nm				
Fibre type	G652B/D				
Directivity	≥55 dB				
Return loss	≤ -55 dB				
PDL	≤ 0.20 dB				
TDL	≤ 0.25 dB				
Split ratio (dB)	90/2.5(x4)	80/5(x4)	70/7.5(x4)	60/10(x4)	50/12.5(x4)
Insertion loss (dB)	≤1.2/≤18.3	≤1.7/≤15.3	≤2.3/≤13.5	≤3.0/≤12.4	≤3.8/≤11.3
Construction					
Dimensions (mm WxHxD)	Tailed version: 100x80x10 FC/PC adapter version: 128x80x18				
Fibre tails	0.9 or 2.0 mm, 1 meter long				
Connectors	According to requirements (see coding)				
Environmental					
Operating temperature range	-40~+75°C				
Storage temperature range	-40~+85°C				
Packing					
	Individual, blister type				

PRODUCT CODING



SPLIT RATIO (N/M)	Connector	CABLE SECTION
0: 90/10	0: NONE	0: NONE
1: 80/20	1: ST	1: 900 μm
2: 70/30	2: SC	2: 2.0 mm
3: 60/40	3: FC	
4: 50/50	4: LC	
	5: MU	
	6: SC/APC	
	7: FC/APC	

Note: for FC/PC adapter version, both "C" and "D" files are set to 0