

PRODUCT DATA SHEET

P/N 57-0WW-PDC-00 1xN OPTICAL SPLITTER



Plastic box version



Mini version

Main features

- PLC (Planar Lightwave Circuit) technology
- Wavelength independent, 1260÷1650 nm
- Available with split capacity of 1x8, 1x12, 1x16, 1x24, 1x32 and 1x48
- Very low IL and PDL, excellent stability
- Available in boxed and mini version, terminated with most popular connectors or un-terminated

Applications

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

TECHNICAL SPECIFICATIONS

Optical specifications						
Wavelength	1260÷1650 nm		Return loss (RL)		≤ -55 dB	
Fibre type	G652D		PDL		≤ 0.20 dB	
Directivity	≥55 dB		TDL		≤ 0.25 dB	
	1x8	1x12 ²	1x16	1x24 ²	1x32	1x48 ²
Insertion loss (dB) ¹	9.5	12.8	13.6	15.8	17.2	19.2
Uniformity (dB) ¹	1.1	1.2	1.5	1.5	1.8	1.8
Construction			Mini version		Boxed version	
Material	Stainless steel		PPO plastics			
Dimensions (mm)	1x8	60x7x4	1x8	100x80x10		
	1x16	80x20x6	1x12	120x80x18		
	1x32	80x20x6	1x16	120x80x18		
			1x24	120x80x18		
			1x32	120x80x18		
			1x48	140x115x18		
Fibre tails	0.9 mm LSZH, 1m		0.9 mm or 2.0 mm, LSZH, 1m			
Connectors	ST, SC, FC, LC, see coding detail					
Environmental specifications						
Operating temperature	-40~+85°C					
Packing	Single unit, blister type					

1) Without connectors

2) Only available in boxed version

CODING

57 - 0 W W - P D C - 00

SPLIT RATIO
08: 1x8
12: 1x12
16: 1x16
24: 1x24
32: 1x32
48: 1x48

PACKAGE	CABLE DIAMETER	Connector
0: Mini	1: 900 µm	0: None
1: Boxed	2: 2.0 mm	1: ST
		2: SC
		3: FC
		4: LC
		5: MU
		7: SC/APC
		8: FC/APC
		9: LC/APC