

# 1 x n broadband PLC Splitter – small case with 0.9 mm buffered fibers single-mode



## Features

- PLC splitter for all wavelength bands
- Low excess loss
- Low polarisation dependent loss (PDL)
- Excellent mechanical and environmental performance
- Telcordia GR-1209/GR-1221

## Applications

- Telecommunication networks
- CATV networks data communication
- Network monitoring

## Generic specifications 1 x n standard and premium grade\*

Parameter	Unit	1 x 2	1 x 4	1 x 8
Operating wavelength	nm	1260 to 1650		
Insertion loss standard grade	dB	≤ 4.0	≤ 7.3	≤ 10.5
Uniformity standard grade	dB	≤ 0.6	≤ 0.6	≤ 0.8
PDL standard grade	dB	≤ 0.3	≤ 0.3	≤ 0.3
Insertion loss premium grade	dB	≤ 3.8	≤ 7.0	≤ 10.2
Uniformity premium grade	dB	≤ 0.5	≤ 0.5	≤ 0.8
PDL premium grade	dB	≤ 0.2	≤ 0.2	≤ 0.2
Return loss	dB	≥ 55		
Directivity	dB	≥ 55		
Operating temperature	°C	-40 to +85		
Package dimension (L x W x H)	mm	55 x 7 x 4		

\* Without connector loss

## Order code

1	2	-	3	4	5	6	-	7	8	-	9	10	-	11	-	12	/	13	-	14	15
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1	Splitter type
P	PLC splitter

2	Number of ports
1002	1 x 2
1004	1 x 4
1008	1 x 8

3	Case type
B	Small case with 0.9 mm buffered fiber

4	Operating wavelength
A	1260 to 1650 nm

5	Fiber type – splitter quality grade
A	Single-mode 9/125 µm – standard splitter grade
B	Single-mode 9/125 µm – premium splitter grade

6	Splitting ratio
A	Equal

7	Lead type on input port
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8	Lead type on output port
2	0.9 mm buffered fiber

9	Lead length on input port
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10	Lead length on output port
05	0.5 m
06	0.6 m
07	0.7 m
08	0.8 m
09	0.9 m
10	1.0 m
...	...
30	3.0 m

11	Ribbon length
00	No fan-out

12	Connector type on input port
00	No connector
30	FC
33	FC APC wide key
34	FC APC small key
70	SC
73	SC APC 8°
74	SC APC 9°
85	LC ≤ 1.0 mm
86	LC APC ≤ 1.0 mm
90	LSH
93	LSH APC

13	Connector type on output port
00	No connector

14	Connector quality grade on input port
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15	Connector quality grade on output port
K	No connector
A	Single-mode LanEco APC
N	Single-mode LanEco UPC