



OCC1P/O

Single-mode Planar Splitter Devices

Single-mode wideband couplers/splitters are branching devices available in a wide range of styles and sizes to split and combine light.

The OCC1P/O product range consists of splitters based on planar technology. The splitters are packed in a compact housing and can be connectorized when required.

The wideband planar splitters have been designed to meet Telcordia GR-1209 and GR-1221 environmental requirements. Output fibers are grouped by 8.

Advantages

- Consistent performance
- Low loss
- Small footprint
- Excellent uniformity
- Ribbon fiber outputs

Applications

- Telecommunications
- Datacommunications
- Cable TV

Ordering Information

OC - C 1 X - X XX XX - XX XX XX X

Coupler

Coupler Type

Dual window wideband

P

Planar

O

Low loss planar

Number of inputs per splitter

1

1x ... splitter

2

2x ... splitter

Number of outputs per splitter

03	... x3 splitter	16	... x16 splitter
04	... x4 splitter	32	... x32 splitter
08	... x8 splitter	64	... x64 splitter

Split ratio

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Symmetrical

Packaging

A	Standard
F	Field installable

Output cable type

RI	Ribbon 8 (R4 for 1x4)—no connectors only
NQ	260 micron single fiber

Input cable type

SE	900 micron
NQ	250 micron

Connector type

Min. return loss	Connector type		
	SC	LC	NONE
50 dB (UPC)	S1	L1	NN
60 dB (APC 8°)	S2	L2	
60 dB (APC 9°)	S3		

Packaging A, F

- Standard fiber length = 2.5 + -0.5 m at each side (non connectorized)
- Standard fiber length = 1.5 -0 +0.1 m at each side (connectorized)

Performance Specification

Please refer to RUD 5330 for performance specifications.

* If packaging F is selected

- the device will be supplied with a FOSC splice module and fits into FOSC A, B, C, D
- In- and output cable type only available in 250µ (option NQ)

Example

OCC1P-11600-NNNQNF

Splitter Size	Splitter Part Number	Splitter Description	Quantity of Splitters that can fit on a Splice Module**
1x2	CC8541-000	OCC1A-1200-NNNQNF	2
2x2	CZ8618-000	OCC1A-2200-NNNQNF	2
1x3	213464-000	OCC1P-10300-NNNQNF	2
1x4	CC9545-000	OCC1P-10400-NNNQNF	2
2x4	CZ8588-000	OCC1P-20400-NNNQNF	2
1x8	CC8542-000	OCC1P-10400-NNNQNF	2
2x8	CY7856-000	OCC1P-20800-NNNQNF	2
1x16	CC8544-000	OCC1P-11600-NNNQNF	2
2x16	CP1625-000	OCC1P-21600-NNNQNF	2
1x32	CC8312-000	OCC1P-13200-NNNQNF	1
2x32	CZ8590-000	OCC1P-23200-NNNQNF	1
1x64	CC8284-000	OCC1P-16400-NNNQNF	1

**Note: In addition to splitter(s), each splice module can hold up to 6 single splices. SMOUV splice protection sleeves are recommended.



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PS-321060.1-AE (01/16)