



# OCC1A

## Fused fiber wideband coupler/splitter 1x2 - 2x2

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

The OCC1A product range consists of splitters based on fused biconic tapered technology (FBT). The splitters are available in light duty (250 micron fibers), medium duty (900 micron fibers) or heavy duty (2.0 mm) versions.

### Advantages

- Consistent performance
- Low loss
- Low polarization sensitivity
- Excellent mechanical and environmental characteristics

### Applications

- Combining and splitting light signals
- Central office/headend
- Aerial pole
- LAN
- Network monitoring

## Ordering information

**OC C 1 A - XX XX - XX XXXX X**

### Coupler

#### Coupler type

Dual window wideband

#### A-grade

#### Number of incoming ports

- 1 1 x ... splitter
- 2 2 x ... splitter, only split ratio 50/50

#### Number of outgoing ports

- 2 ... x 2 splitter

#### Split ratio

00	50/50 symm.	25	25/75 (*)
05	5/95(*)	30	30/70 (*)
10	10/90(*)	35	35/65 (*)
15	15/85(*)	40	40/60 (*)
20	20/80(*)	45	45/55 (*)

(\*) only for 1 x 2 splitters

### Packaging

- A Ø 3.0 mm x 54 (L) (for 250 micron)
- B Ø 3.0 mm x 65 (L) (for 900 micron)
- C 95 (L) x 12 (W) x 10 (H) (for 2.0 mm)
- F Field installable holder \*

### Cable type

- ASGA 2.0 mm semi-tight, LSZH - yellow
- ASEN 900 micron
- ANQN 250 micron

Standard fiber length = 1.0 m at each side

### Connector type

Min. return loss	Connector type					
	SC	FC	E2000	ST	LC	None
45 dB (PC)				<b>T0</b>		
50 dB (UPC)	<b>S1</b>	<b>F1</b>			<b>L1</b>	<b>NN</b>
60 dB (APC 8°)	<b>S2</b>	<b>F2</b>	<b>E9</b>		<b>L2</b>	
60 dB (APC 9°)	<b>S3</b>					

## Performance specifications

Please refer to RUD 5257 for performance specifications.

\* If packaging F is selected

- the device will be supplied with a FOSC splice module and fits into FOSC-400A, B, C, D and FOSC-500-AA trays.
- In- and output cable type only available in 250µ (option NQ), fiber length = 2,5 ± 0,5 m

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