



# 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 packaged in a compact housing and can be connectorized when required.

The Tyco Electronics wideband planar splitters have been designed to meet Telcordia GR-1209 and GR-1221 environmental requirements. All in- and output fibers have a Telcordia color coding.

### 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** P-grade  
**O** O-grade

#### Number of incoming ports

**1** 1x... splitter  
**2** 2x... splitter

#### Number of outgoing ports

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

#### Split ratio

**00** Symmetrical

### Packaging

**A** Standard

#### Output cable

**NQ** 250 micron single fiber  
**RI** Ribbon 8 (R4 for 1x4)-no connectors only

#### Input cable type

**SE** 900 micron      **NQ** 250 micron

#### Connector type

Min. return loss	Connector type					None
	SC	FC	E2000	ST	LC	
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>E8</b>		<b>L2</b>	
60 dB (APC 9°)	<b>S3</b>					

#### Packaging A

- 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.

Tyco Electronics and TE logo are trademarks

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, Tyco Electronics makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. Tyco Electronics' obligations shall only be as set forth in Tyco Electronics' Standard Terms and Conditions of Sale for this product and in no case will Tyco Electronics be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of Tyco Electronics products should make their own evaluation to determine the suitability of each such product for the specific application.

Tyco Electronics Raychem NV  
Diestsesteenweg 692  
3010 Kessel-Lo, Belgium  
Tel 32-16 351 011 (USA)1-919-557-8900  
Fax 32-16 351 697 (USA)1-919-557-8498  
www.tycoelectronics.com  
www.telecomosp.com  
TC 688/DS/5 11/06