O SP 5844



CardModules

FIBER O SP 5844

Four Channel 1 > 4 Optical Splitter

Description

The OSP 5844 provides 4 independent 1>4 optical splitters / combiners in a single module. For each channel the optical input is split into 4 outputs, each one having 25% of the input power.

The module is passive in operation, meaning it requires no power, and is mechanically compatible with all Series 5000 rack frames and installs from the rear of the rack.

Features

- Four precision 1>4 optical splitters in a single module
- Each channel has 25%/ 25% / 25% /25% split ratio
- LC PC connections (singlemode)
- Compatible will all Series 5000 rack frames (2RU and 1RU)
- Occupies one card slot

	OSP 5844 - 4 Channel 1 > 4 Optical Splitter			O SP Lynx Tech In 1 In 2	
Input 1	100%	25%	 Out 1.1 Out 1.2 Out 1.3 Out 1.4 		
Input 2	100%	25%	 Out 2.1 Out 2.2 Out 2.3 Out 2.4 		
Input 3 🕨	100%	25%	 Out 3.1 Out 3.2 Out 3.3 Out 3.4 		
Input 4	100%	25%	 Out 4.1 Out 4.2 Out 4.3 Out 4.4 	100%	

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Backplane

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LYNXTechnik AG[®] Broadcast Television Equipment

O SP 5844

Four Channel 1 > 4 Optical Splitter

Specifications

Optical I/O					
Inputs	4 (1 per channel)				
Outputs	16 (4 per channel)				
Connector type	LC - PC (singlemode)				
Operating Wavelengths	1260nm - 1650nm				
Performance (each channel)					
Insertion loss (incl. connector)	7.6 dB				
Split ratio %	25/25/25/25				
Polarization dependant loss	max 0.3dB				
Return Loss	> 55dB				
Directivity	> 55dB				
Max input power	500mw				
Mechanical					
Size	85mm x 286mm (not incl. connectors)				
Weight	150 g				
Ambient					
Temperature	-20°C to 85°C Maintaining specifications				
Humidity	90% Max non condensing				
pecifications subject to change					

Ordering Information

Model #	Part Number	Description	Includes
O SP 5844	1000005844	Four Channel 1>4 Optical Splitter	CardModule + Mounting Screws + Reference Manual (on CD)

fiberSERIES 5000

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