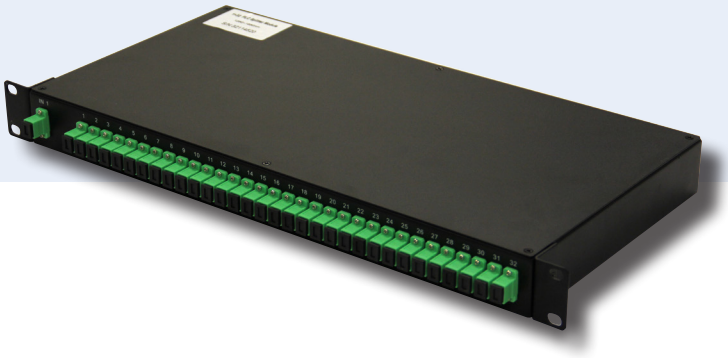
Rackmount Fibre Optic Splitters

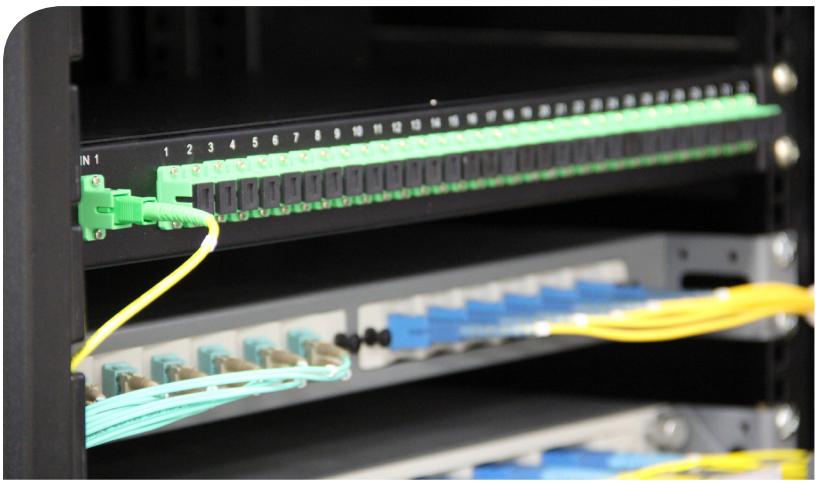


Rackmount fibre optic passive optical splitters offer a simple, convenient and easilty implemented method of splitting a fibre signal over several circuits.

Optical splitters work by allowing an optical signal traveling through a fibre to be divided between multiple output circuits. Optical splitters are a key component in many passive optical networks including FTTx installations.

Applications

- GPON & GEPON Fibre Networks
- FTTx Networks
- CATv and Subscriber Loops
- Fibre Optic Instrumentation
- Fibre Sensors



Features & Benefits

- Precision terminations and low insertion loss
- Convenient pre-assembled unit allows for immediate patching upon installation
- Passive operation requires no energy or cooling
- Wide operating temperature allows for remote installations
- Epoxy free optical path
- 1x8 through to 1x64 splitter variants available
- Wideband wavelength operation ensures suitability for triple play and FTTX applications
- Multiple connector types can be specified
- Telcordia GR-1209-CORE & GR-1221-CORE compliant

For further information:
www.fibreoptic.com.au
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FOS
Fibre Optic Systems

Technical Specifications

Description	Rackmount Fibre Optic Splitter						
Rackmount Dim. (mm) WxHxD	485 x 44 x 250						
Port Configuration	1x8	2x8	1x16	2x16	1x32	2x32	1x64
Insertion Loss (dB) max	10.5	11.2	13.6	14.6	17.0	17.5	21
Uniformity (dB) max	0.8	1.5	1.0	2.0	1.3	2.5	2.5
PDL (dB) max	0.2						
Directivity	≥ 55 dB						
Return Loss	≥ 55 dB						
Operating Temperature	-40 ~ 85 °C						
Storage Temperature	-40 ~ 85 °C						
Fibre Type	Singlemode SMF-28E, G657A						
Operating Wavelength	1260 ~ 1650 nm						

Ordering Information

OS - S 26 SCA LC - 1x64 - R

Optical Splitter	Mode	Wavelength	Connectors End A & B	Split Ratio	Casing
	S 9/125 um SMF	26: 1260 ~ 1650 nm	SC: SC/UPC SCA: SC/APC LC: LC/UPC LCA: LC/APC	1x8 2x8 1x16 2x16 1x32 2x32 1x64	R: 1RU Fixed Rackmount