

Rackmount Fibre Optic Splitters



Rackmount fibre optic passive optical splitters offer a simple, convenient and easily 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.



KEY FEATURES

- 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

Applications

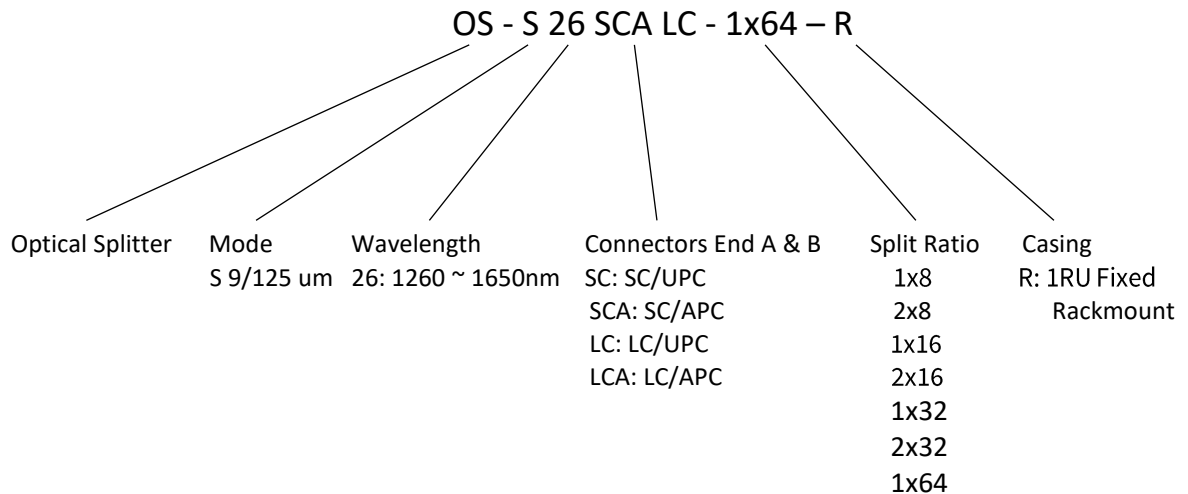
- GPON & GEAPON Fibre Networks
- FTTx Networks
- CATv and Subscriber Loops
- Fibre Optic Instrumentation
- Fibre Sensors



Technical Specification

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



NSW - Silverwater

Unit 4, 52 Holker Street
Silverwater NSW 2128

E: sales@opticalsolutions.com.au

P: +61 2 9395 1400

F: +61 2 9647 0014

NSW - Sydney City

Unit 10, 10 Bradford Street
Alexandria NSW 2015

E: sydcity@opticalsolutions.com.au

P: +61 2 9304 4555

F: +61 2 9700 8055

VIC

Unit 3 / 1 Rocklea Drive
Port Melbourne VIC 3207

E: vicsales@opticalsolutions.com.au

P: +61 3 9646 4166

F: +61 3 9646 4155

QLD

Unit 2/ 40 Borthwick Ave
Murarrie QLD 4172

E: qldsals@opticalsolutions.com.au

P: +61 7 3399 5280

F: +61 7 3399 9805

ACT

22 Isa Street
Fyshwick ACT 2609

E: actsales@opticalsolutions.com.au

P: +61 2 6162 4600

F: +61 2 6162 4605

WA

28a Teddington Rd
Burswood WA 6100

E: wasaes@opticalsolutions.com.au

P: +61 8 9361 7000

F: +61 8 9361 7011