TOTAL CABLE SOLUTIONS

FIBER SPLITTERS
by Total Cable Solutions

19in Rack Mount FS-232-SA1-R

Input1 Input2 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

FS-104-SA1

FS-108-SA1

FS-216-SA1

FS-232-SA1

REAR INPUTS AVAILABLE

INPUT2

INPUT1

Standard LGX size — Can fit not only into Total Cable Solutions panels but into many other companies solutions

Custom Configurations — Total Cable Solutions can manufacture custom splitters to fit your unique needs

Bend Insensitive Fiber — Dramatically decreases insertion loss

Port Numbering — Silk screened port numbering for easy identification

ASSEMBLED IN USA

201809.02

Features
- Fits into any LGX size panel
- Assembled in the USA

LIMITED **LIFETIME WARRANTY** ∞ SATISFACTION GUARANTEED

TCS GREEN

Specifications
- Operating Temperature: -20~70°C
- Storage Temperature: -40~85°C
- Telcordia GR-1221 and GR-1209
- Max. Input Power: 300mW
- Connector Type: SC/APC, SC/UPC, LC/APC, LC/UPC

- Fiber Type: G.657.A1, BIF Corning Clearcurve XB
- Operating Wavelength: 1260~1650nm
- PDL: ≤0.3 dB
- Return Loss: ≥55 dB
- Directivity: ≥55 dB

1 x 4 LGX
- Insertion Loss: ≤7.4 dB
- Uniformity: ≤0.8
- 1 LGX Wide
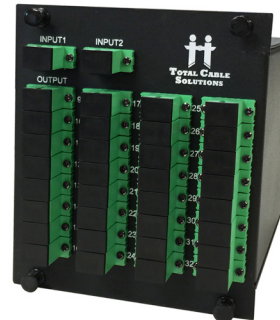
1 x 8 LGX
- Insertion Loss: ≤10.7 dB
- Uniformity: ≤1.0 dB
- 1 LGX Wide

1 x 16
- Insertion Loss: ≤13.7 dB
- Uniformity: ≤1.2 dB
- 2 LGX Wide

2 x 16
- Insertion Loss: ≤14.2 dB
- Uniformity: ≤1.5 dB
- 2 LGX Wide

1 x 32
- Insertion Loss: ≤16.9 dB
- Uniformity: ≤1.0 dB
- 4 LGX Wide

2 x 32
- Insertion Loss: ≤17.5 dB
- Uniformity: ≤1.8 dB
- 4 LGX Wide

*19in Rack Mount also available (pictured on front)

ORDERING INFORMATION

FS - ▢▢▢▢ - ▢▢▢ - ▢

1 **2** **3** **4** **5**

1 INPUTS	**2** REAR OPTION	**3** OUTPUTS	**4** TERMINATION	**5** FORMAT
1 = 1	R = Rear inputs	4 = 04	SA1 = SC APC, Simplex	LGX = Blank
2 = 2	Blank = Front Inputs	8 = 08	SU1 = SC UPC, Simplex	19 in Rack Mount = R
		16 = 16	LA1 = LC APC, Simplex	
		32 = 32	LU1= LC UPC, Simplex	

*Custom configurations available

Feature

PLC SPLITTER

- 1x4
- 1x8
- 1x16
- 1x32

Bend Insensitive Fiber — Unlike other brands, TCS splitters come standard with BIF fiber. Reduces breakage and insertion loss.

Compact — Easily fits into most splice trays

Budget Friendly — More economical than LGX splitters