CFS9xxA232 | 2x32 Fiber Optic Splitter Panel
SM G.657A1 Rack Mount 1U

CTS

Product Description:

CTS Fiber Optic Splitter Panels are designed for passive optical network (PON) applications, offering a reliable solution for signal distribution in FTTH, CATV, and Enterprise Networks. These panels integrate high-quality G.657A1 bend-insensitive fiber with SC/APC or LC/APC connectors, housed in a robust and compact rack-mount panel.

Applications:

FTTH (Fiber To The Home) Networks
Passive Optical Networks (PON/GPON/EPON)
CATV and IPTV

Standards:

IEC 61754-20
ITU-T G.657A1
Telcordia GR326
Telcordia GR-1209/1221

Features & Benefits:

Compact 19" Rack-Mountable Design
Pre-Terminated with Factory Polished Connectors
Integrated Cable Management
RoHS & Telcordia Compliant

CTS 25 Years LIMITED WARRANTY

*Images are for representative purposes only

Specification:

Fiber Type	Single Mode OS2 compliant to ITU-T G.657A1				
Splitter Type	PLC (Planar Lightwave Circuit) splitter				
Connector Type	SC/APC		LC/APC		
Channel Wavelength	1260-1650 nm				
Split Ratio	2x2	2x4	2x8	2x16	2x32
Insertion Loss	≤ 4.5 dB	≤ 7.7 dB	≤ 11.0 dB	≤ 14.8 dB	≤ 17.9 dB
Loss Uniformity	≤ 0.8 dB	≤ 1.0 dB	≤ 1.2 dB	≤ 1.5 dB	≤ 1.8 dB
Return Loss	≥ 55 dB				
Polarization dependent loss	≤ 0.2	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3
Directivity	≥ 55 dB				
Operating Temperature	-40 °C to +85 °C				
Storage Temperature	-40 °C to +85 °C				
Dimensions	481X200x44 mm (WxDxH)				

Version 01-02

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Fiber Adapter Specification:

Fiber Adapter Type	SC/APC	LC/APC
Colour	Green	Green
Insertion Loss	<0.20 dB	<0.20 dB
Repeatability	<0.20 dB	<0.20 dB
Interchangeability	<0.20 dB	<0.20 dB
Sleeve Material	Ceramic	Ceramic
Operating Temperature	-25 °C to +70 °C	-25 °C to +70 °C
Storage Temperature	-25 °C to +70 °C	-25 °C to +70 °C

Ordering Information:

CFS9SCA232	CTS Rack Mount Fiber Optic Splitter Panel 2x32 SC/APC Single Mode OS2 G.657A1 with adapters, pigtails and removable front cable manager 1U Black
CFS9LCA232	CTS Rack Mount Fiber Optic Splitter Panel 2x32 LC/APC Single Mode OS2 G.657A1 with adapters, pigtails and removable front cable manager 1U Black

For other options, please check with CTS sales team