

RFL Fiber Service Units C37.94

By RFL Electronics
Catalog # [C37.94_FSU](#)



The C37.94 units offer a multitude of electrical interfaces for diverse applications (X.21, V.35, RS-449, G.703 and E1) and are also available with non-standard single mode fiber options. The T1/E1 units can be used with multi-mode and single mode fiber over varying distances and are also compatible with the optics on IMUX 2000 multiplexers. Both standard units are designed for wall mounting, however, rack mount options are available for both FSU's with 1RU (1.75") and 3RU (5.25") 19" rack mount chassis.

Features

- C37.94 Short Haul FSU:Compliant to IEEE C37.94 Fiber Standard Low cost solution to interface compliant teleprotection equipment to existing noncompliant digital communication equipment
- Wide range power supply (38-150Vdc)
- Rugged, easy-to-mount enclosure for flexibility of installation
- Available with five digital interfaces
- RS-449, G.703, V.35, X.21 and E1
- SM Fiber options are available
- Rack mount options available (1U or 3U x 19")
- Regulatory Requirements-Bellcore TR332 Issue 5, Method 1>1,000,000 Hours,Case 3,Temp-25 C

General

Catalog Number	C37.94_FSU
Emitter Type	LED(Short Haul)
Humidity	95% RH Non-Condensing @ 40°C
Operating Temperature Celcius Max	+60°C
Operating Temperature Celcius Min	-30°C

Optical Connector	ST
Optical System	62.5 Micron Core: 13db
Power Consumption	Less than 5W
Specifications	RS-449, 64kbps, DB37 Male Connector V.35, 64Kbps, DB15 yG.703, 64-768Kbps, DB15 Male Connector E1 120/75Ohm Connector and DB15 Male Connector

Electrical Ratings

Dielectric Strength	C37.90
Supply Voltage	38-150 VDC
Wavelength	820/850 Nanometers

Conductor Related

Fiber Type	50 or 62.5 Micron Multimode
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Product Assets

[Brochures - T1/E1 and C37.94 Fiber Service Units](#)
[Specifications - C3794_FSU](#)