

Fibre Optic Transmission System

Dual TTY Transmitter

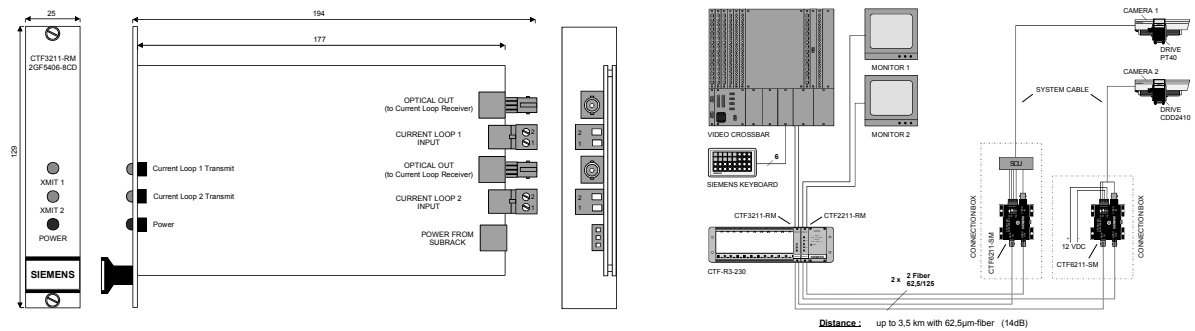
CTF3211-RM

850 nm, Rack Mount Module

- Two independent transmitters (TTY) in one module
- Can be used to double capacity of the 19-inch-rack CTF-RM-230
- No in-field electrical or optical adjustments required
- Power and two data transmit status indicating LEDs to monitor system performance
- Hot-swappable rack module
- Automatic resettable fuses on all power lines

The CTF3211-RM current loop transmitter (TTY) provides transmission of two current loop signals on two independent multimode fibre optic cables. The module is ideal for smaller installations, the rack-mount version can be used to double the capacity of the CTF-RM-230 rack for up to 28 independent channels per card cage. Plug-and-Play design ensures ease of installation requiring no electrical or optical adjustments. The module incorporates a power and two data transmit status indicating LEDs to monitor proper system operation. Compatible with Siemens camera control units.

Module design and System design (example)



Technical Data

Specifications

Data

Data interface	20 mA
Wavelength	850 nm
Number of fibres	2
Fibre multi mode	62.5/125 µm
Optical power budget	
with 62.5/125 µm	14 dB
with 50/125 µm	10 dB
Output	25 µW (-16 dBm)

Connectors

Optical	ST
Power	Via board connector of rack
Data	Terminal plug with screw clamps

Electrical and mechanical

Power supply	From rack
Number of rack slots	1
Current protection	Automatic resettable solid-state current limiters
Circuit board	Meets IPC Standard
Dimensions (W x H x D)	25 x 129 x 194 mm
Weight	0.9 kg

Environmental

MTBF	> 100,000 hours
Operating temperature	-40 to +74 °C
Storage temperature	-40 to +85 °C
Relative humidity	0 to 95%, no condensation

Ordering data

Type	Part no.	Designation	Weight
CTF3211-RM	2GF5406-8CD	Dual TTY Transmitter 850 nm, Multi Mode, 2 fibres Rack mount card, 1 slot	0.9 kg