

FOM-28T-Rx – 1MM-Rack

Fiber Optic Receiver Modem for Telemetry

General Information

FOM 28T-Rx is a modem designed to receive PCM and RS-422 signals over Fiber Optics. Its concept allows many features to be carried out by fiber cables, Single / Multi Mode. The modem allow a wide range of signals being received and connect different sites. Units are multiple used by installing them in 19" rack mount or Stand Alone Chassis.

Features

- Fiber Optic Receiver Connection: Telemetric Data
- Supports digital signals: PCM, RS-422.
- Display Input/Output signals.
- Stand Alone / Rack Mount units-option.
- Operates to extended distances.
- DC Operated $\pm 5/12V$ – optional.



PCM / RS 422 DATA

Two Channels selectable: PCM, RS422

PCM

Band width	10K – 20MHz.
Impedance High: 10K Ω	Impedance Low: 75 Ω
High Input Signal : $\pm 5V$ P/P	Low Input Signal: $\pm 0.25V$ P/P
Offset DC	$\pm 5V$

RS 422

Signal Rate	Up to 10M
Impedance:	120 Ω
Input: One Port	Output: Two ports

Mechanics / miscellaneous

Board Size:	EURO – 100X160mm
Stand Alone	Attached droow
Output Connectors:	PCM: BNC RS22: DB/9 Female

Power Supply

DC Voltage	$\pm 5V$ (12V optional)
Current:	0.7A

Optics

Optical Converter	SEP.
Connectors	LC.
Multi/Single Mode	

I/O Connectors

BNC No-1	Function
I/O - 1	PCM -1 OUT
I/O - 1	PCM -2 OUT

RS - 422 Connector

DB-9 Pin No.	Function
1	Tx 1 +
2	Tx 1 -
5	GND
6	Tx 2 +
7	Tx 2 -

Ordering Info

Catalogue Number	Item Description
FM28TRMM	FOM 28T-Rx-1mm
FM28TTMM	FOM 28T-Tx-1mm
FM28TRSM	FOM-28T-Rx-1sm
FM28TTSM	FOM-28T-Tx-1sm

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