



TR1101

Single Channel RF Fiber Optic FM Transmitter

Description

The TRANSPORT 1101-X-T-T fiber transmitter (Tx) provides capacity for one RF channel with a frequency range of 10-220MHz.

The TR1101-X-T-T transmitter supports broadcast quality full motion video performance over a 13 dB optical path loss (operating at 1310 nm). The RF channel is then converted to light for transport over single mode fiber (1310nm) to a TR1101 Receiver (Rx) for distribution.

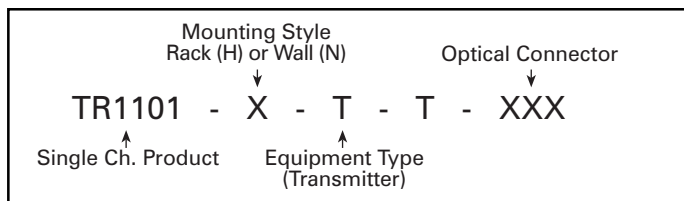
Mounting Options

The TR1101 is available in a rack (H-T-T) style and a wall (N-T-T) style. See operation parameters for dimensions.

The TR1101-UR Universal Rack is a 5u high 19" housing that accommodates a power supply module and up to (10) TR1101 "H" style transmitters and receivers.

TR1101-N-T-VDA type transmitters are rugged stand-alone units typically located at the customer premise. The 3"x5"x10" package can be shelf, wall or desk mounted and includes a power transformer eliminating the need for equipment racks at all locations.

Ordering Model Information



TR1101-N-T-T Wall Mount Tx

General

RF Connector:	75 Ω "F" connector
RF Return Loss, dB:	16
RF Input Level:	+24 dBmV Nominal
Wavelength, nm:	1310 +/-20
Optical Connectors:	FC, FC-APC, SC, SC-APC or ST
Frequency Range:	10MHz to 220 MHz

Performance

Optical path Loss:	13 dB
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Operation Parameters

Dimension:

"N" Style brick	2.90" x 4.60" x 10.00"
"H" Style module	1.00" x 5.00" x 9.00"
"H" TR1101-UR rack	5.25" x 12.00" x 19.00"

Operating Temp. °C:	-10 to 50
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Power Consumption:	15 Watts per unit
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Power Source:

"N" Style brick	85 to 132 VAC, 47-400 Hz
"H" TR1101-UR rack	85 to 132 VAC, 47-400 Hz
	170 to 265 VAC, 47-400 Hz
	36 to 76 VDC

Note: Single mode fiber is required for operation of TR1101 Series equipment. Specifications are subject to change for product improvements. 5/00

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