



TR2200

Multichannel RF Fiber Optic AM Receiver



TR2200-750(38)-N17 Wall Mount Rx

Description

TRANSPORT 2200-750(38)-X17 fiber optic receiver (Rx) provides high bandwidth, multi-service transmission over single mode fiber.

TR2200 receivers integrate a high sensitivity, low reflection PIN photodiode with high linearity RF amplification and 20 dB test points. A passive interface from the photodiode to the internal amplification allows operation over the entire specified optical budget without external optical attenuators or an impact upon unit performance.

Model Options

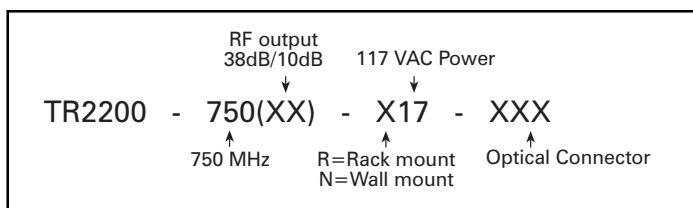
The 2200-750(XX)-X17 is available in a rack (2200-750(XX)-R17) style and a wall mount (2200-750(XX)-N17) style. The TR2200 receiver is available in 10 or 38dBmV output. See operation levels for details.

TR2200 receivers offer packaging, output level and bandwidth options to complete each transmission link with the best choice for the application. The following TR2200 models are packaged in either "R" designated 1.75" high 19" rack mount or "N" designated 9"x5"x3" desk/wall mount units:

- TR2200-750(10)-x 750 MHz, 10 dBmV output
- TR2200-750(38)-x 750 MHz, 38 dBmV output

All TR2200 receiver models include a UL approved wall pack, 26 VAC transformer.

Ordering Model Information



Note: Single mode fiber is required for operation of TR2200 Series equipment. Specifications are subject to change for product improvements. 10/02

General

- RF Connector:** 75 Ω "F" type
- Test Point, dB:** -20, "F" type connector
- RF Return Loss, dB:** 16
- Bandwidth, MHz:** 40 to 750, 1.5dB
- Wavelength, nm:** 1200 to 1600
- Optical Connectors:** FC, FC-APC, SC, SC-APC
- Operating Temp. °C:** 0 to 60
- Power Consumption:** 16 Watts
- Power Source:** UL approved wall pack
117 VAC input/26VAC 60 Hz
1.15 A output or
220 VAC input/26 VAC 50 Hz
1.54 A output
- Dimension:** 1.75" x 9.0" x 19.0"
3.0" x 9.0" x 5.0"

* BNI recommends connectors with >40dB optical return loss.

Operation Levels*

TR2200	Channel Capacity	Nominal Optical Input	Operational RF Output
	AM-VSB	dBm	dBmV
(38)	110	0	38
(10)	110	0	10