

TMD221x (x=2, 3, 4, 5)

Frequency Amplifier and distributor

Functions

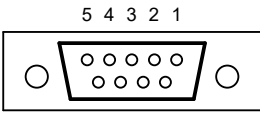
- TMD221X product family amplifies and distributes 5 or 10MHz signals
- 6 or 12 outputs are available depending on the option
- The equipment is a rackable drawer 1U, 19 inches
- The front face displays a "ON" LED and a status LED per output

Characteristics

- Input level goes from 0 to 13 dBm ± 1 dBm
- Outputs provide 0 to 13 dBm ± 1 dBm over de 50 Ω
- All the outputs are isolated individually by a transformer
- The noise phase is: 1Hz: -100 dBc/Hz, 10Hz : -130 dBc/Hz, 100Hz : -140 dBc/Hz, 1KHz : -145dBc/Hz, ≥ 10 KHz : -150 dBc/Hz
- The outputs have low-pass (5MHz) or band-pass filters (10MHz)
- Specific gain settings can be provided on-demand thanks to factory settings:
 - **Specific gain settings must be defined within the order**
 - On the back face, each output gain can be setup manually
 - Typical settings with a 1 to 1 factory gain setting:

Input Value	0dBm	3dBm	13dBm
Output Value min	-2dBm ± 1 dBm	1dBm ± 1 dBm	3dBm ± 1 dBm
Output Value max	3dBm ± 1 dBm	6dBm ± 1 dBm	15dBm ± 1 dBm

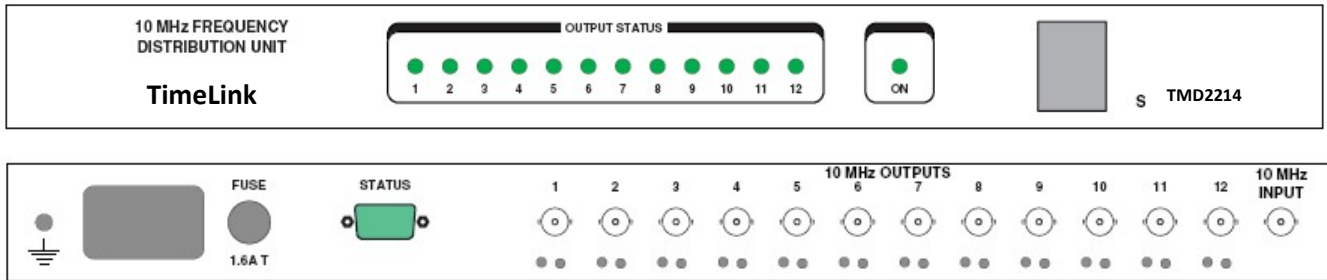
- Input and output connectors are located back face and are of BNC type.
- Power 230V AC by standard power supply connector EEC with fuse, filter sector and On/Off switch.
- Alarm Output for remote monitoring: contact relay free of potential. Connector "STATUS" Sub' D 9 points female.
- Dimensions: Width 483 mm, Height 45 mm, Depth 320 mm
- Power consumption: 20W
- Weight: 3 Kg
- MTBF: 105 000 h
- Certified CE ROHS REACH ITAR FREE

Alarm connector pin out	NORMALLY OPEN CONTACT	1
	COMMON	6
	NORMALLY CLOSED CONTACT	2
		Front view

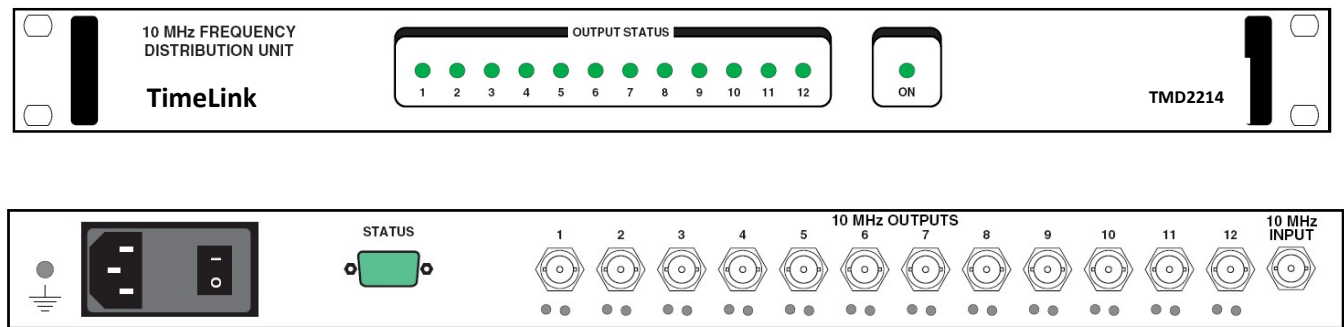
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TMD2214-A



TMD2214-B



Orders codes

TMD221X - Y

