

TMD221x (x=2, 3, 4, 5) Adjustable Gain Frequency Amplifier and Distributor

Functions

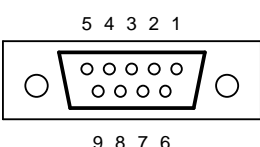
- TMD221X product family amplifies and distributes 5 or 10MHz signals
- 6 or 12 outputs are available depending on the option
- Each output gain is adjustable manually
- The equipment is a rackable drawer 1U, 19 inches
- The front face displays a "ON" LED and a status LED per output

Characteristics

- Input level goes from 0 to 13 dBm \pm 1 dBm
- Outputs provide 0 to 13 dBm \pm 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, \geq 10KHz : -148 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:

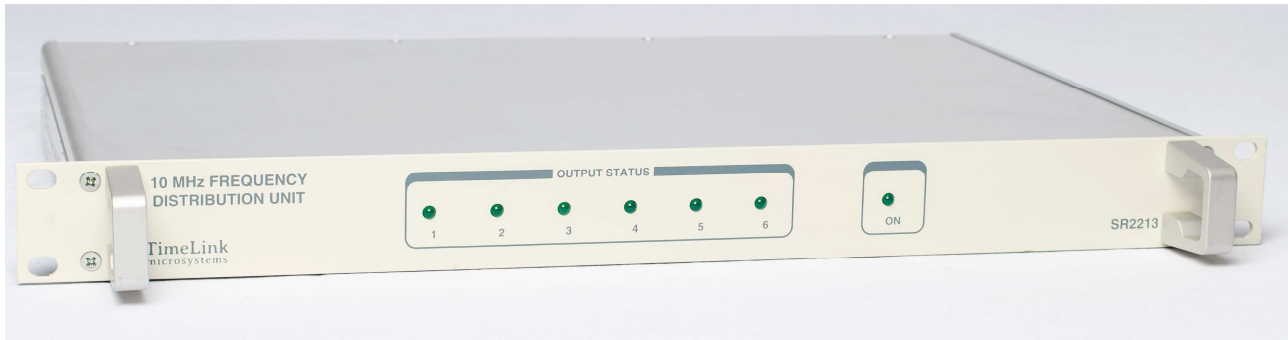
Input Value	0dBm	3dBm	5dBm	13dBm
Output Value min	-2dBm \pm 1dBm	-2dBm \pm 1dBm	-2dBm \pm 1dBm	4dBm \pm 1dBm
Output Value max	6dBm \pm 1dBm	12dBm \pm 1dBm	12dBm \pm 1dBm	17dBm \pm 1dBm

- Input and output connectors are located back face and are of BNC type.
- Power 85 to 264V AC / 50-60Hz 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, EAR99, ITAR FREE

Alarm connector pin out	NORMALLY OPEN CONTACT	1 (10MHz frequency is not OK)
	COMMON	6 FREQUENCY
	NORMALLY CLOSED CONTACT	2 (10MHz frequency is OK)
	NORMALLY OPEN CONTACT	7 (POWER is not OK)
	COMMON	3 POWER
	NORMALLY CLOSED CONTACT	8 (POWER is OK)
		Front view

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TMD2213 -B Front face



TMD2213 -B Back face

Orders codes

TMD221X - Y

