

**CV-1548/G and CV-1548A/G
Telephone Signal Converters**

NSN: 5805-00-069-8795

Reference: TM 11-5805-367-12

General Information

The CV-1548/G and the CV-1548A/G convert two-wire telephone circuits to four-wire circuits for transmission over multiplex systems. A straight-through patch is provided in the four-wire mode. These converters provide three signaling options. They convert a 20-Hz ringing signal to 1600 Hz, and 1600 Hz to 20 Hz for two-way ringing. The CV-1548/G and the CV-1548A/G convert a DC closure to 1600 Hz and 1600 Hz to a DC closure for originate and terminate plug supervision on one-way ringdown trunks. They provide the option of no-ringing signal conversion. These telephone signal converters are used with Multiplexer TD-352/U, TD-353/U, and TD-660/U. The CV-1548A/G does not contain the test align meter, the meter selector switch, or 1600-Hz reference level adjust on power supply.

Technical Characteristics

Number of Channels	12
	(each channel operates independently)
Loop Impedance	600 ohms
Line Impedance	600 ohms
Power Requirement	109 to 121 V AC, 47 to 63 Hz
Power Consumption	60 W
Weight	24.5 kg (54 lb)

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