

**TD-204/U and TD-754/G
Multiplexers**

NSN: 5805-00-900-8200 (TD-204/U)
5820-00-930-8078 (TD-754/G)

Reference: TM 11-5805-367-12 (TD-204/U)
TM 11-5805-383-12 (TD-754/G)

General Information

These cable interface units permit processing of *6-, 12-, 24-, or 48-channel multiplexing for transmission via cable. This unit processes signals from a video cable for transmission over a radio system via the TD-202/U (radio interface unit). Two of these (like items) may be crosshatched and used as a cable repeater. The TD-204/U and the TD-754/G may be used to provide power for as many as 39 pulse form restorers in the cable link.

Technical Characteristics

Number of Channels	*6, 12, 24, or 48
Type of Operation	Full duplex
Type of Multiplexing	Time division
Type of Modulation	Pulse code
Pulse Rate Input:	
*6-channel	288 kHz
12-channel	576 kHz
24-channel	1152 kHz
48-channel	2304 kHz
Loop Impedance	91 ohms, send and receive
Line Impedance	62 ohms
Power Requirement	109 to 121 V AC, 47 to 63 Hz
Power Consumption:	
TD-204/U	62 W
TD-754/G	35 W
Weight:	
TD-204/U	25.37 kg (56 lb)
TD-754/G	20.38 kg (45 lb)
Cable	CX-11230 or CX-4245/G coax

* Using TD-660 in 6-channel mode of operation.

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