

**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.

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

