

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

Status: STD-A; NSN: 5805-00-900-8200 (TD-204/U)  
 STD-A; NSN: 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 crosspatched 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 coaxial

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

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

