

TD-976/G
Asynchronous Digital Combiner

NSN: 7025-01-048-9678

Reference: TM 11-7025-202-12

General Information

The TD-976/G provides the capability to combine the 12-channel outputs of various multiplexer into a single 48/96-channel super group for transmission over a cable system to another TD-976/G or to radio set AN/GRC-144. It also provides the power for cable systems up to 8 km (5 mi) long and a fault location system to determine the defective restorer in the cable system.

Technical Characteristics

Number of Channels	Eight 12-channel groups
Type of Operation	4-wire
Type of Multiplexing	Time division
Type of Modulation	Pulse code
Pulse Rate	4,9152 megabits
Loop Impedance	91 ohms
Line Impedance	56 ohms
Power Requirement	15 V AC, 50 or 60 Hz
Weight	34 kg (75 lb)

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