

Section II. Auxiliary Multiplex Equipment

AN/PTM-7 Telephone Test Set with CX-11230/G or CX-4245/G Special Purpose Electrical Cable and TD-206B/G Pulse Form Restorer

NSN: 6625-00-902-75'74 (AN/PTM-7)
5995-00-133-9126A (CX-11230/G or CX-4245/G)
5805-01-020-2251 (TD-206B/G)

Reference: TM 11-6625-648-12 (AN/PTM-7)
TM 11-5995-208-10 (CX-11230/G or CX-4245/G)
TM 11-5805-367-12 (TD-206B/G)

General Information

The AN/PTM-7 locates faults in a PCM cable link that consists of Pulse Form Restorer TD-206B/G and Special Purpose Electrical Cable CX-11230/G or CX-4245/G. The AN/PTM-7 determines the location of an open or short circuit in a cable link up to 1.6 km (1 mi) away in one of the two circuit paths. Communication is possible with attended points by connecting AN/PTM-7 to the restorer or at a cable rupture. The cable is used to transmit video signals via two internal coaxial cables between attended points in full-duplex mode. Each cable is .4 km (.25 mi) long and interfaces another cable, or TD-206B/G or attended point. The TD-206B/G is an unattended restorer which receives distorted input signals and restores them to the originally generated form.

Technical Characteristics

AN/PTM-7:	
Orderwire	300 to 1700 Hz
Signaling Frequency	1600 Hz
Power Requirement	7.5 and 14.5 V DC
Weight	10.4 kg (23 lb)
CX-11230/G or CX-4245/G:	
Channel Capacity	6, 12, 24, or 48
Weight with Reel	52.2 kg (115 lb)
Maximum Span without Support	30.5 m (100 ft)

WARNING: DO NOT PUT UNSUPPORTED CONNECTORS IN SPAN.

**Technical Characteristics
(Cont.)**

TD-206 B/G:
Power Requirement 11.3 V DC supplied by TD-204/U or
TD-754/G via CX-11230 or CX-4245/G cable
Weight 93 g (2.04 lb)

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