

MD-1025()/G
**Remote Loop Group Multiplexer/
 Cable Driver Modem**

NSN: 5820-01-145-4905

Reference: TM 11-5805-704-12

General Information

The MD-1025()/G is a member of the DGM family. It provides interface between the RLGM, TGM, MGM, and AN/TTC-39A, Automatic Telephone Central Office. The RLGM/CD converts 72 or 144 kb/s NRZ data to conditioned diphas for transmission over CX-11230 or 4245/G cable at lengths up to 3.2 km (2 mi) without repeaters. It contains two full duplex modems and provides power via cable to operate two RLGMs and their associated DSVT. It is used in conjunction with the RLGM, MGM, TGM, and COU.

Technical Characteristics

Number of Groups	Max 2
Cable Side Interface:	
Cable	CX-11230 or CX-4245/G coax
Maximum Distance	3.2km(2mi)
Voltage supplied to the TD-1233/TTC	180 V DC
Input Power Voltage	115 V AC \pm 10%, 47 to 440 Hz
Power Consumption	173 W
Size	21.6 cm high by 30.5 cm deep by 43.8 cm wide (8.5 in by 12 in by 17.25 in)
Weight	15 kg (33 lb)

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