

Modulation	Multi-dimension TCM(2400 ~ 33600bps), QAM&TCM (4800 ~ 14400 bps), QAM(2400bps), DPSK(1200bps), FSK(0 ~ 300bps)
Compatibility	ITU-T V.34 / V.32bis / V.32 / V.22bis / V.22 / V.21 / V.23, VFC, Bell 103/212A,option for V.27/V.29/V.33
Operation	Full duplex or simulated half duplex signalling on 2-wire PSTN or 2/4-wire leased line with dial backup, Power-on auto dial-up with auto re-dial, Power-on leased line auto connection, Auto dial, Auto answer, Manual dial, Manual answer Synchronous/Asynchronous
Rack Size	16 pieces of Modem per Rack with NMS CM card in Standard 19" Rack Shelf 19" / 482mm (L) X 8.3" / 210mm (W) X 6.9" / 175mm (H)
DTE Speed	115200 / 57600 / 38400 / 19200 / 9600 / 4800 / 2400 / 1200 / 300bps
Error Control	ITU-T V.42 and MNP4
Compression	ITU-T V.42bis and MNP5
Command Compatible	Hayes 'AT' Extended command set or V.25bis command set
Diagnostic	Loop back test (Digital, Analog, Remote digital)with test pattern (U or 511) , power on self test
Flow Control	Xon / Xoff, CTS / RTS, DTR / DSR uni- or bi-directional
Front Panel	10 LED status displays and 6 puch buttons
Front Panel Control	1)V/D(Voice/Data) 5)RL(Remote Digital Loopback) 2)ANS/ORG(Answer/Original) 6)TP(TestPattern) 3)AA/MA(Auto Ans./Manual Ans.) 7)DL(Digital Loopback, press both AL and RL) 4)AI(Analog Loopback)
LCD Control	Operation by menu driven with password lock
Security	Call back security with Max.10 telephone numbers and password
Retrain	Auto or manual-retrain with fall forward / fall back rate negotiation
Storage	Max. 10 telephone numbers and 4 user profiles
Remote Configuration	Full function configurable through front panel LCD Via Secondary Channel, or with Network Management System option
Receive Sensitivity	Selectable from 0 to -43 dBm
Transmit Level	Selectable from 0 to -31 dBm
Call Progress Monitor	Busy tone, Dial tone, Ring back
Cellular Phone Protocol	MNP 10
Line Interface	RJ-45 modular jack or 8 position terminal block
Terminal Interface	EIA RS-232C D-type 25 pin connector with ITU-T V.24 / V.28 recommendation
Environment	Operating Temperature : From 0°C to 60°C Storage Temperature : From -10°C to 80°C Relative Humidity : From 0% to 95% non-condensing
Power Requirment	AC 90 ~ 260 Volts / 47~63 Hz, or DC -48 Volts 80 Watts Maximum Single or redundant power with alarm system (option)
Network Management System (NMS)	Option



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