MC55i W Terminal

QuadBand	TCP/IPConnectivity	FAXfunctionality
GPRSclass10	RILdriver	Tunnelingmode

TECHNICAL DATA:

- Operating temperature range: -20° C to + 70° C
- Storage temperature: -30° C to + 80° C
- Protection class: IP 21
- Power supply: 9 – 45 V DC
- Power consumption: Typ. 1 mA stand-by @12 V

INTERFACES:

- Antenna connector: FME (m)
- Power supply: RJ12 (6 pole western jack)
- RS-232 interface (D-Sub 9 pole female)

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GENERAL FEATURES:

- Quad Band GSM: 850/900/1800/1900 MHz
- 3GPP Release 99
- GPRS multi-slot class 10
- Compliant to GSM phase 2/2+
- Output power:
  - Class 4 (2 W) for EGSM850
  - Class 4 (2 W) for EGSM900
  - Class 1 (1 W) for GSM1800
  - Class 1 (1 W) for GSM1900
- Supply voltage range 9 … 45 V DC
- Power consumption typically:
  - Power down: 45 µA
  - Sleep mode (fully registered DRX=9): 1.3 mA
  - Speech mode (850/900MHz): 180 mA
  - GPRS class 10 (850/900MHz): 230 mA
- Dimension: 65 × 74 × 33 mm

- Control via AT commands
- (Hayes 3GPP TS 27.007, TS 27.005)
- SIM Application toolkit
- TCP/IP stack access via AT commands
- Internet services: TCP Server/Client, UDP, HTTP, FTP, SMTP, POP3
- Temperature Range:
  - Operating: -20° C to +70° C
  - Protective shutdown
  - Storage: -30° C to +80° C
- Protection class: IP 21
- RoHS and REACH compliant, EuP support

SPECIFICATIONS:

- GPRS Class 10: DL: max. 86 kbps
- Mobile station class B
- PBCCH support
- Coding schemes CS 1-4
- Triple-rate codec for HR, FR and EFR
- Adaptive multi-rate AMR
- Basic hands-free operation
- Echo cancellation
- Noise reduction
- CSD data transmission up to 14.4 kbps, V.110.
- Non-transparent mode
- USSD support
- Fax group 3, class 2 and class 1
- SMS text and PDU mode, cell broadcast

INTERFACES / DRIVERS

- RS 232 serial interface
- FME-male for GSM-antenna
- RJ12 6pole western jack for power supply
- SIM card slot
- RIL driver for Microsoft Windows Mobile™ based devices
- Multiplex driver for Microsoft Windows XP™, Windows 7™ and Windows Vista™