M2M Antenna & Accessory Solutions

EAD offers an innovative portfolio of best-of-breed antenna and cabling solutions for M2M (machine to machine) applications. Complementing GSM and ISM modules and modems, we provide a full range of internal and external antennas, pigtails and adapters for most M2M requirements.

EXTERNAL ANTENNAS

PTR2100 - PENTABAND MULTIPOSITION TERMINAL ANTENNA
The PTR2100 is a pentaband (cellular, GSM and 3G) multiposition antenna primarily designed for terminal applications. It is a blade-style dipole antenna with SMA-Male connector that locks in three positions. Supporting the 850, 900, 1800, 1900 and 2100 MHz bands, the PTR2100 offers a gain figure of approx 2 dBi. This is an ideal solution for high-performance router, gateway and terminal devices requiring multi-frequency operation.

TBR2100 - GSM/3G DIPOLE TERMINAL ANTENNA
The TBR2100 is a dual-band GSM and 3G dipole antenna that is a suitable solution for GSM/3G router and gateway products. With a compact and aesthetically pleasing design, the TBR2100 effectively addresses the 900/1800 and 2100 MHz bands with a gain of 2 dBi. The SMA-Male connector locks in three positions and the moulded sheath offers a degree of flexibility that allows application portability.

S-BLADE MOUNT - MULTI-MOUNT QUAD BAND BLADE ANTENNA
The S-Blade Mount is a quad-band (850/900/1800/1900 MHz) cellular/GSM waterproof blade antenna with integrated mounting tab facilitating a number of mounting options. The antenna can be screwed in place via the mounting tab or affixed using adhesive. Ideal for applications exposed to moisture the S-Blade proves to be ideal for utilities/metering applications where a versatile antenna is required. The cable/connector configuration is customisable.

PENTAMAG - PENTABAND MAGNETIC MOUNT ANTENNA
The PentaMag is pentaband magnetic-mount antenna supporting 850, 900, 1800 and 1900 MHz frequencies. With a peak gain of 2 dBi, the Pentaband offers an effective solution to mobile multiband cellular applications requiring comprehensive band support. Supplied with a 3M cable and SMA-Male connector as standard, the PentaMag is an ideal solution for telematics, telemetry, monitoring and vending deployments.
INTERNAL ANTENNAS

**QUINTUS - PENTABAND INTERNAL ANTENNA**
The Quintus is a groundplane independent internal PCB antenna supporting 850, 900, 1800, 1900 and 2100 MHz frequency bands. Available with range of cable/connector configurations, it is an ideal choice for M2M terminals.

**MINI-QUAD - QUADBAND INTERNAL ANTENNA**
Designed as a compact internal antenna solution for 850, 900, 1800 and 1900 MHz, the Mini-Quad offers a cost-effective alternative for portable and fixed terminals where space for the antenna is limited.

ISM ANTENNAS

**MW868 - 868 MHz 1/4 WAVE WHIP ANTENNA**
Ideal for 868 MHz-based ISM designs, the MW868 is a high quality whip antenna for terminal applications. Also available in 433, 450 and 915 MHz frequencies and with RP-SMA, TNC or BNC connectors.

**WR433 - 433 MHz STUBBY ANTENNA**
The WR433 is a 433 MHz 1/4 wave stub antenna with SMA-Male connector intended for ISM-band fixed or portable terminal designs. This model is also available in straight, 868 MHz and RP-SMA versions.

M2M PIGTAILS

**MMCX to SMA or FME**

**U.FL to SMA or FME**

**GSC (MCF) to SMA or FME**

For more information on the products above, you can download the data sheets from www.ead-ltd.com or contact us on the telephone number and e-mail below. Please contact your local distributor for pricing information and availability. Your local distributor can be found at www.ead-ltd.com/distributors.aspx.