

## 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.

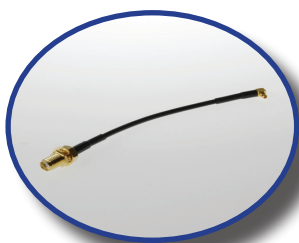


### WR433 - 433 MHz STUBBY ANTENNA

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.



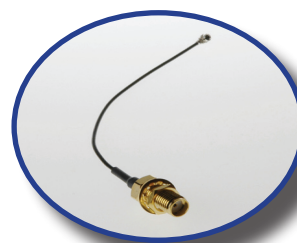
## M2M PIGTAILS



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](http://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](http://www.ead-ltd.com/distributors.aspx).