

Item no.: A-DASH-0001-V1

## **DASH-1 - Omni-Directional Wide-band Ultra Low Profile Smart Metering Antenna (698 - 2700 MHz)**

from **25,24 EUR**

Item no.: A-DASH-0001-V1  
shipping weight: 0.10 kg  
Manufacturer: Poynting



### Product Description

Poynting A-DASH-0001-V1 - Omni-Directional Wide-band Ultra Low Profile Smart Metering Antenna (698 - 2700 MHz)

The DASH-1 antenna is purposefully designed for low profile requirements such as Smart Meters. This omni-directional antenna is suitable for indoor and outdoor use, typically mounted on the top or side of smart meter boxes. The DASH-1 antenna is designed with installation simplicity in mind, while covering the LTE frequency bands 690 – 2700 MHz. This antenna has a superior electrical performance over the whole 690 - 2700 MHz LTE/cellular bands. Features:

- Omni-directional antenna
- Wide-band - covers a wide frequency band
- Easy installation
- Stylish, but robust design
- Weather & vandal resistant

M2M and IoT application areas:

- Smart utilities: Smart power metering, gas & water metering
- Smart buildings: Climate control, access control, security, irrigation
- Digital signage
- Smart environmental & water systems
- Warehouses & logistic systems
- Industrial factory automation and M2M systems
- Farming & agricultural M2M & IoT

Can be used with the following IoT technologies:

- Zigbee
- Z-Wave
- LoRaWAN
- Sigfox
- Wi-Fi
- Wi-Fi HaLow
- LTE-M/NB-IoT
- Bluetooth

Electrical Specifications

- Operating frequency: 690 - 2700 MHz
- Gain (max.): 4 dBi
- VSWR:
- Feed power handling: 10 W
- Input impedance: 50 Ohm (nominal)
- Polarisation: Linear horizontal/vertical (installation dependent)
- Cable loss: 1 dB/m (at) 900 MHz
- Cable: RG 174
- Cable length: 1 m
- Connector: Right angle MCX
- DC short: Yes

#### Mechanical Specifications

- Product dimensions (L x W x D): 258 x 34 x 13 mm
- Packaging material: Poly bag
- Packaged dimensions: 265 x 100 x 15 mm
- Weight: 60 g
- Packaged Weight: 70 g
- Radome material: ABS/PC (halogen free)
- Radome colour: Pantone Black or Cool Gray 1C
- Mounting: Adhesive backing & M8 x 17 mm spigot with M8 brass nut

#### Environmental Specifications

- Wind survival: 160 km/h
- Temperature range (operating): -40°C to +75°C
- Environmental conditions: IP67 (excl. spigot mounting)
- Operating relative humidity: Up to 98%
- Storage humidity: 5% to 95% non-condensing
- Storage temperature: -40°C to +75°C

## Specifications

**Scan this QR code to  
view the product**  
All details, up-to-date  
prices and availability

