



LP4487

LP4487 antenna dual output 444 + 868 MHz offer excellent RF performance on metal or non-metallic surfaces in a discreet and durable design. The low profile housing gives a high degree of vandal resistance making it perfect for smart meters, vending machines and other M2M applications, where it requires reliable communications.

- Dual output 444 + 868 MHz ideal for wM-Bus
- Low profile, ergonomic style with sophisticated engineering
- Excellent RF performance on metal and non-metallic surfaces
- Easy to install with two fixing screws
- DC-short

Specifications

Electrical

Frequency	444 + 863-876 MHz		
Impedance	50Ω		
Polarization	Vertical		
VSWR	433 / 444MHz	868MHz	
	< 2:1 / 1.5:1	< 2:1	
Gain (Peak)	On metal	5 / 5dBi	5dBi
	Free space	1.5 / 2.5dBi	1.5dBi
Isolation	On metal	14dB	23dB
	Free space	12dB	21dB

Mechanical

Dimension (LxWxH)	269 x 60 x 44mm		
Cable	863-872MHz RG316, Grey	1.5m	
	444MHz, RG316, Black	1.5m	
Connector	MCX(m) Other connectors available upon request		
Weight	~225g including cable		
Material	Cover	ASA	
	Seal	EPDM	
Color	Grey	RAL 7035	
IP class	IP44		
Temperature	Operating/Storage	-40°C to +85°C	
RoHS compliant.			

Smarteq reserves the right to change specifications without prior notice.

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Smarteq, based in Stockholm, Sweden, is a leading developer of antennas and antenna systems for increased availability. Smarteq aims towards the market segments industry, energy and vehicles.

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