





RFID Antennas

FOIL II
Ref. ACIOM20



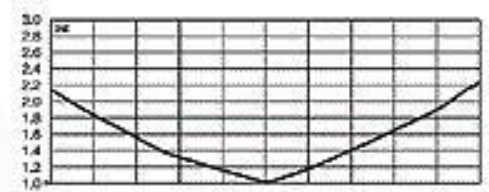
-  **Omnidirectional 360°**
-  **+ 4dBi Gain**
-  **433 MHz antenna**
-  **Waterproof for outdoor applications**

ELECTRICAL DATA

Omnidirectional	360°
Type	3/4 λ J-pole
VSWR (standing wave ratio)	< 1.2: 1
Bandwidth	425 – 440 MHz
Gain	4.15 dBi
Impedance	50 Ω
Polarisation	Vertical

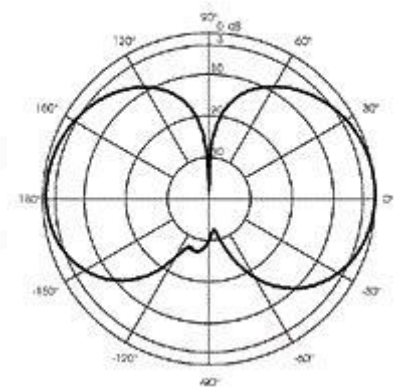
MECHANICAL DATA

Connector	Female SMA
Length	60 cm
Weight	450g
Material	Aluminum
Aluminum Angle bracket and mounting brackets for mast	Included



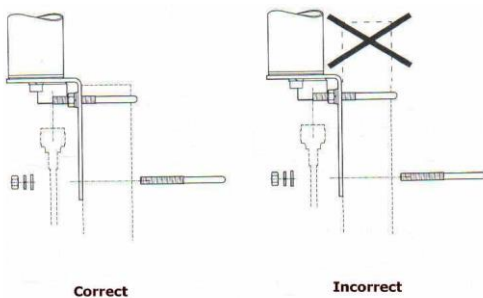
435 MHz

Standing Wave Ratio



**E Plane – Transmission Diagram
Linear scale**

Mast Mounting



Correct

Incorrect