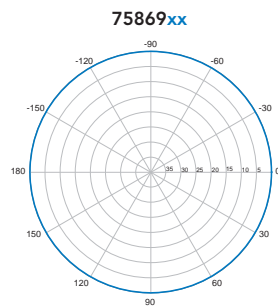


75869xx

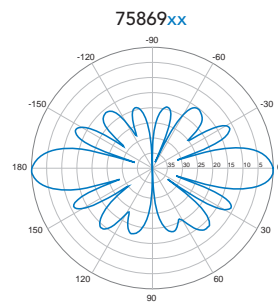
Single Band | Colinear Omni | V-Pol | 360° | 7.5 dBi

- Designed to offer our strongest model for installation in harsh environments
- Able to withstand a lightning strike

Ordering Options	Model Number	
When ordering, replace "xx" in the model number with one of the following options:		
For the antenna with N-type connector	7586900	
For the antenna with 7/16-DIN connector	7586920	
Electrical Characteristics		
Frequency Band	870-960 MHz	
Polarisation	Vertical	
Horizontal Beamwidth	Omni ±0.25 dB	
Vertical Beamwidth (3dB; ±0.5°)	16°	
Gain	7.5 dBi	
Electrical Downtilt	0°	
Impedance	50Ω	
VSWR (max; full band)	< 1.5:1	
Input Power	300 W	
IM3 (2x20W carriers)	-110 dBm	
Operating Temperature	-30° to 55° C (-22° to 131° F)	
Lightning Protection	DC Grounded Antenna remains intact following a lightning strike of 2.5 x 10 ⁵ Amp ² second.	
Connector(s) / Location	1 Port, 7/16-DIN or N-Type Female, Bottom; Fitted inside the base mounting tube with black plastic rain shield.	
*Other electrical downtilts available upon request.		
Mechanical Characteristics		
Dimensions (Length x Diameter)	1590 x 52 mm	62.6 x 2.1 in
Diameter of Mounting Stub	48.5 mm	1.9 in
Weight without Mounting Brackets	3.7 kg	8.1 lbs
Survival Wind Speed (tested to survive in operational state)	300 km/hr	186 mph
Wind Load (at 160 km/hr or 100 mph)	110 N	24.7 lbf
Mounting Options		
Mounting bracket kits are ordered separately.		
Mounting Bracket Kit	0300120/00	



Horizontal



Vertical | 0°

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.