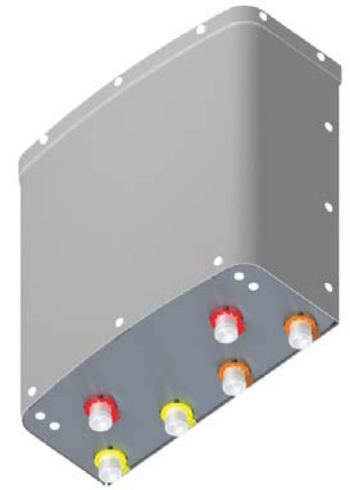


4511F001

Tri Band | Panel | XXX-Pol | 45° / 45° / 45° | 11.4 / 11.3 / 11.3 | Fixed Tilt

- Tri Band, XXX-Pol, fixed tilt, panel antenna
- Features ultra wide low band frequency range



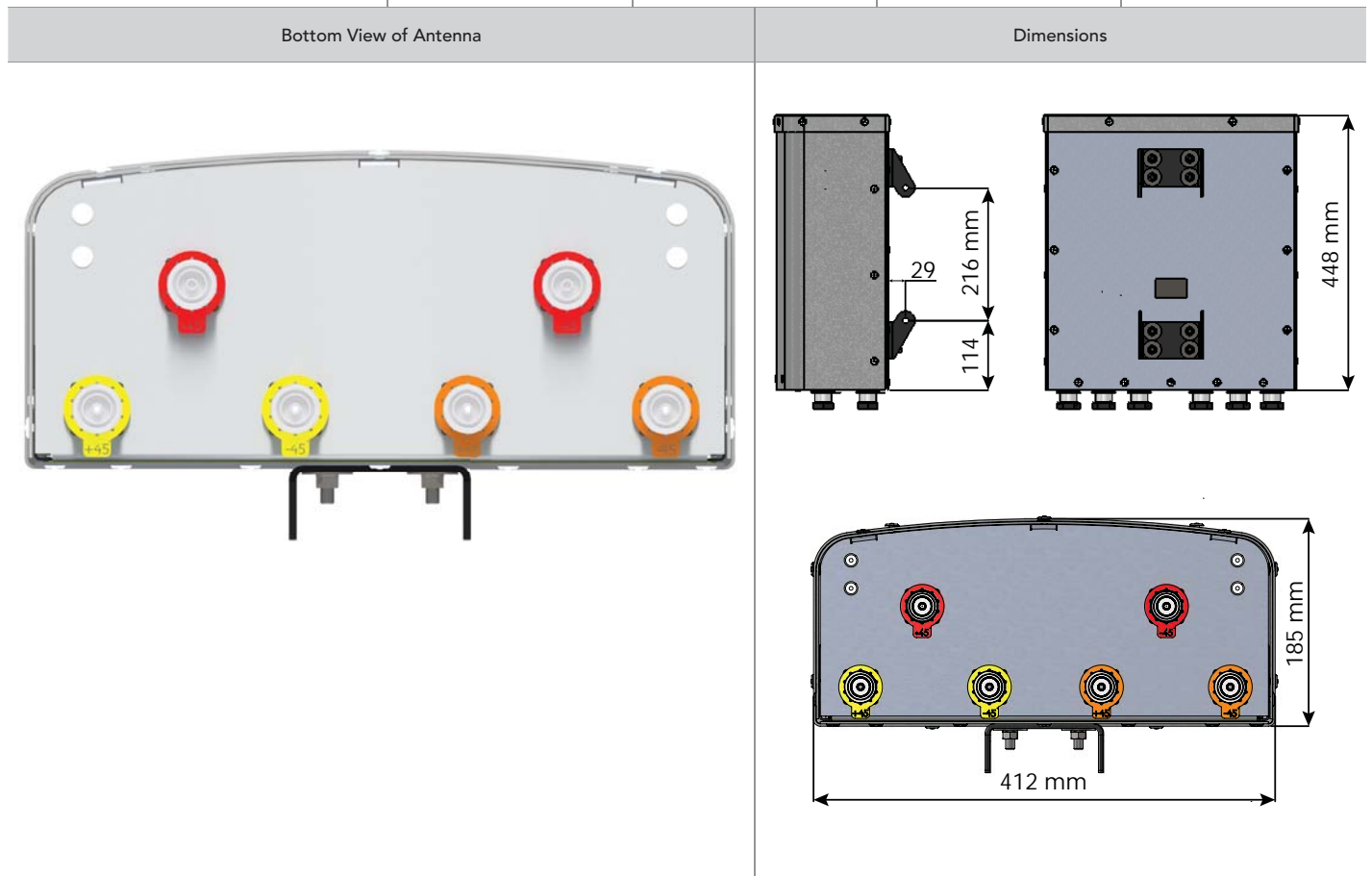
Ordering Options	Model Number					
7/16-DIN Female Connectors	4511F001					
4.3-10 Female Connectors	4511F001N					
Electrical Characteristics	696-960 MHz			(2x) 1710-2690 MHz		
Frequency Bands (MHz)	696-790	790-880	880-960	1710-1880	1920-2170	2200-2690
Polarization	±45°			(2x) ±45°		
Horizontal Beamwidth	48°	43°	40°	45°	39°	33°
Vertical Beamwidth	63.4°	61.4°	55.0°	54.6°	53.7°	57.9°
Gain	10.2 dBi	11.1 dBi	11.4 dBi	10.6 dBi	11.9 dBi	11.3 dBi
Electrical Downtilt	(x) 0			(y) 0		
Impedance	50Ω			50Ω		
VSWR	≤ 1.5:1			≤ 1.5:1		
Front-to-Back Ratio	> 19 dB	> 18 dB	> 22 dB	> 25 dB	> 26 dB	> 27 dB
Isolation Between Ports	≥ 25 dB			≥ 25 dB		
IM3 (2x20W carrier)	< -150 dBc			< -150 dBc		
Input Power	(2x) 250 W			(4x) 150 W		
Lightning Protection	Direct Ground					
Total Number of Connectors	Antenna has 6 connectors located at the bottom					
Connectors Per Band, Type, Location	696-960 MHz	2 Connectors / 7/16-DIN or 4.3-10 Female / Bottom / Red Rings				
	1710-2690 MHz	2 Connectors / 7/16-DIN or 4.3-10 Female / Bottom / Yellow Rings				
	1710-2690 MHz	2 Connectors / 7/16-DIN or 4.3-10 Female / Bottom / Orange Rings				
Mechanical Characteristics						
Dimensions (Height x Width x Depth)	448 x 412 x 185 mm			17.6 x 16.2 x 7.3 in		
Weight without Mounting Brackets	5.5 kg			12.1 lbs		
Survival Wind Speed	241 km/hr			150 mph		
Wind Area	Front	0.12 m ²		1.3 ft ²		
	Side	0.05 m ²		0.5 ft ²		
Wind Loads (160 km/hr or 100 mph)	Front	151 N		33.9 lbf		
	Side	67 N		6.7 lbf		

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.

4511F001

Tri Band | Panel | XXX-Pol | 45° / 45° / 45° | 11.4 / 11.3 / 11.3 | Fixed Tilt

Mounting Options	Part Number	Image	Fits Pipe Diameter	Weight
The following mounting and downtilt bracket kits are included with the antenna.				
2-Point Mounting Bracket Kit (included)	0900181/00		48-115 mm 1.9-4.5 in	3.4 kg 7.5 lbs
Kit to Add Mechanical Downtilt [0°-10°] (included)	0900397/00	<p>NO IMAGE AVAILABLE</p> <p>COMING SOON</p>	----	3.0 kg 6.6 lbs

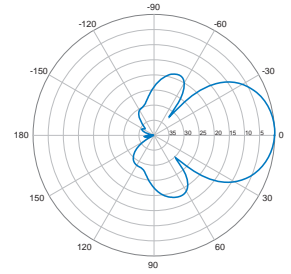
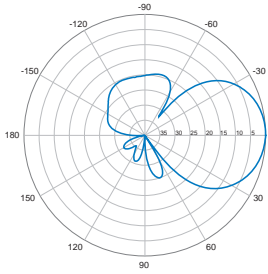
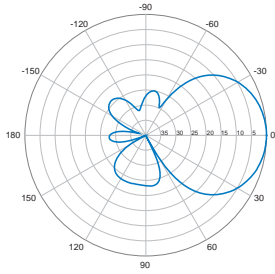


Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage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

4511F001

Tri Band | Panel | XXX-Pol | 45° / 45° / 45° | 11.4 / 11.3 / 11.3 | Fixed Tilt

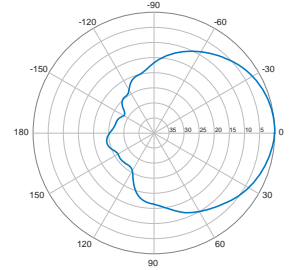
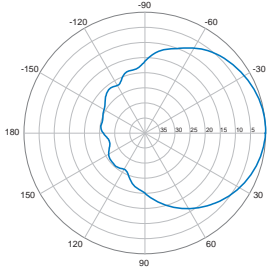
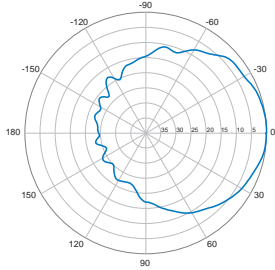
696-960 MHz



Horizontal | 696-790 MHz

Horizontal | 790-880 MHz

Horizontal | 880-960 MHz

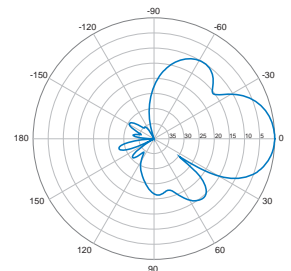
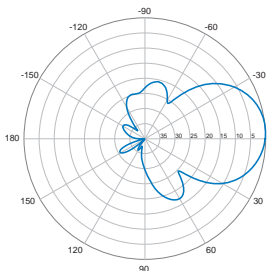
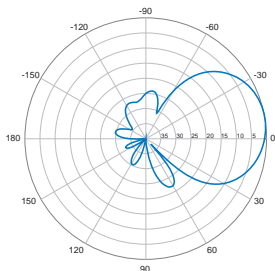


0° | Vertical | 696-790 MHz

0° | Vertical | 790-880 MHz

0° | Vertical | 880-960 MHz

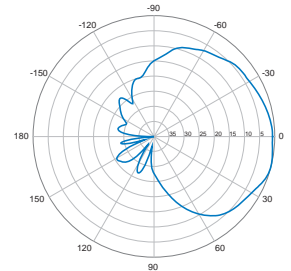
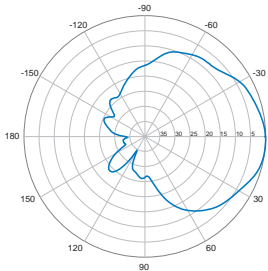
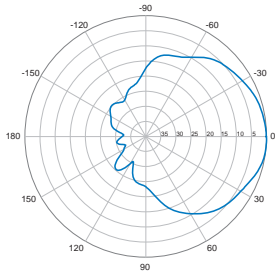
1710-2690 MHz



Horizontal | 1710-1880 MHz

Horizontal | 1920-2170 MHz

Horizontal | 2200-2690 MHz



0° | Vertical | 1710-1880 MHz

0° | Vertical | 1920-2170 MHz

0° | Vertical | 2200-2690 MHz

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.