

2.2 A2FT2906LTPD

Parabolic, 29 dBi, 6 degree, dual polarity, 4.9-5.8 GHz

Redline Part Number	48-00081-00			
Mounting Bracket	3K-SA-MNT			
Parameter	Min	Typ	Max	Units
Frequency range (single pol.)	4900		5875	MHz
Frequency range (dual pol.)	4900		5875	MHz
VSWR (single pol.)		1.5:1		
VSWR (dual pol.)		1.8:1		
Impedance		50		OHM
Cross-pol. suppression		>30		dB
Sidelobes	ETSI EN 302.326-3 DN1-DN5, ETSI EN 300.833 class 1			
Port-to-port isolation (dual pol.)		>30		dB
Input power			100	W
Mechanical downtilt			30	deg
Pole diameter (OD)	50 (2)		101.6 (4)	mm (inch)
Operating temperature	-40		+70	Centigrade
		Value		
Gain		29		dBi
Beamwidth		6		degrees
Front-to-back		>32		dB
Weight		8 (17.6)		Kg (lb)
Dimensions (diameter)		648 (25.5)		mm (inch)
Wind Loading				
100 MPH		51 (113)		Kg (lb)
125 MPH		80 (177)		



Figure 4: A2FT2906LTPD Subscriber/PTP Antenna 648mm (2 ft) - Front/Side View

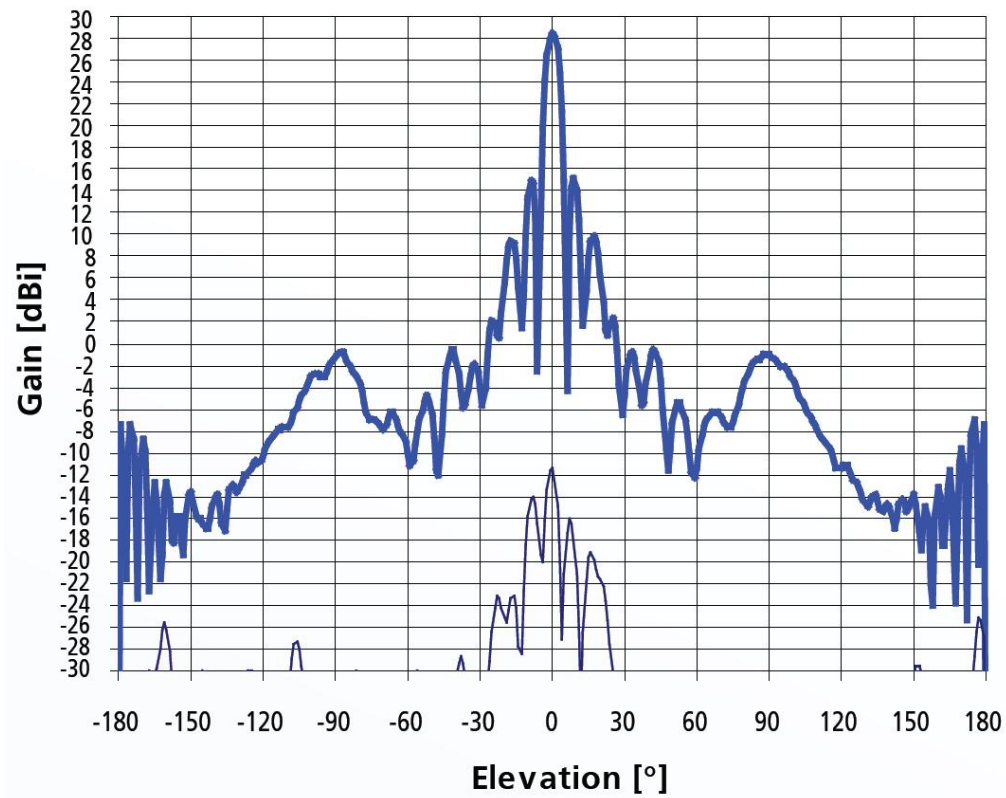


Figure 5: A2FT2906LTPD Subscriber/PTP Antenna - 5.7 GHZ E-Plane Pattern

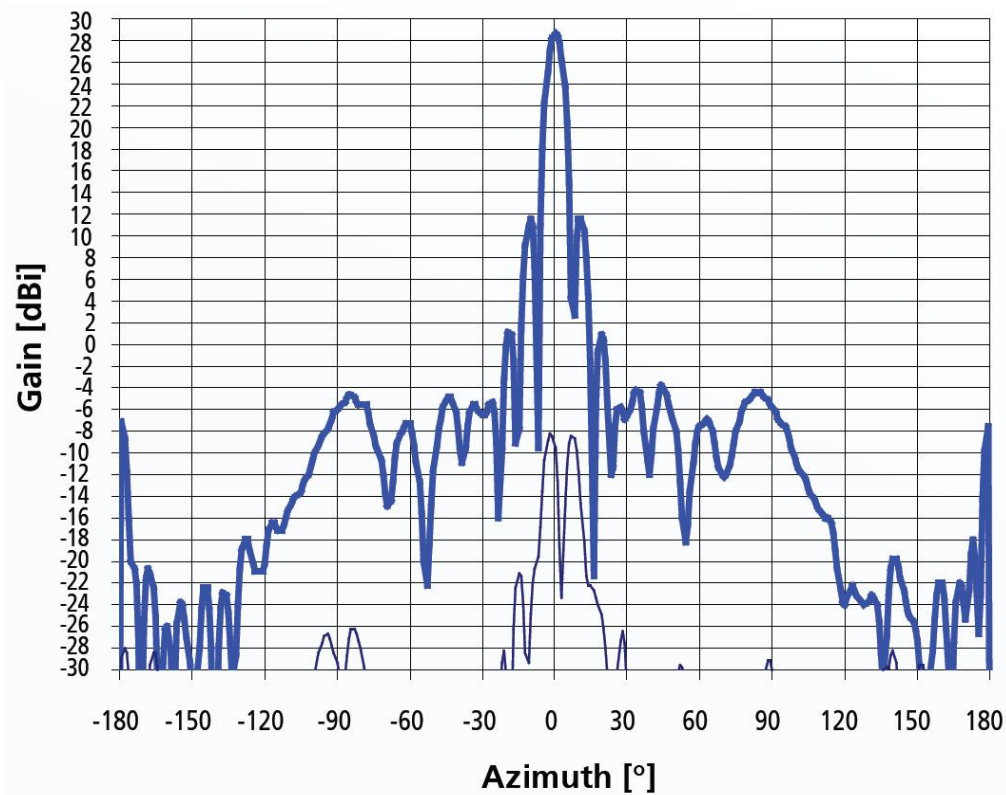


Figure 6: A2FT2906LTPD Subscriber/PTP Antenna - 5.7 GHZ A-Plane Pattern

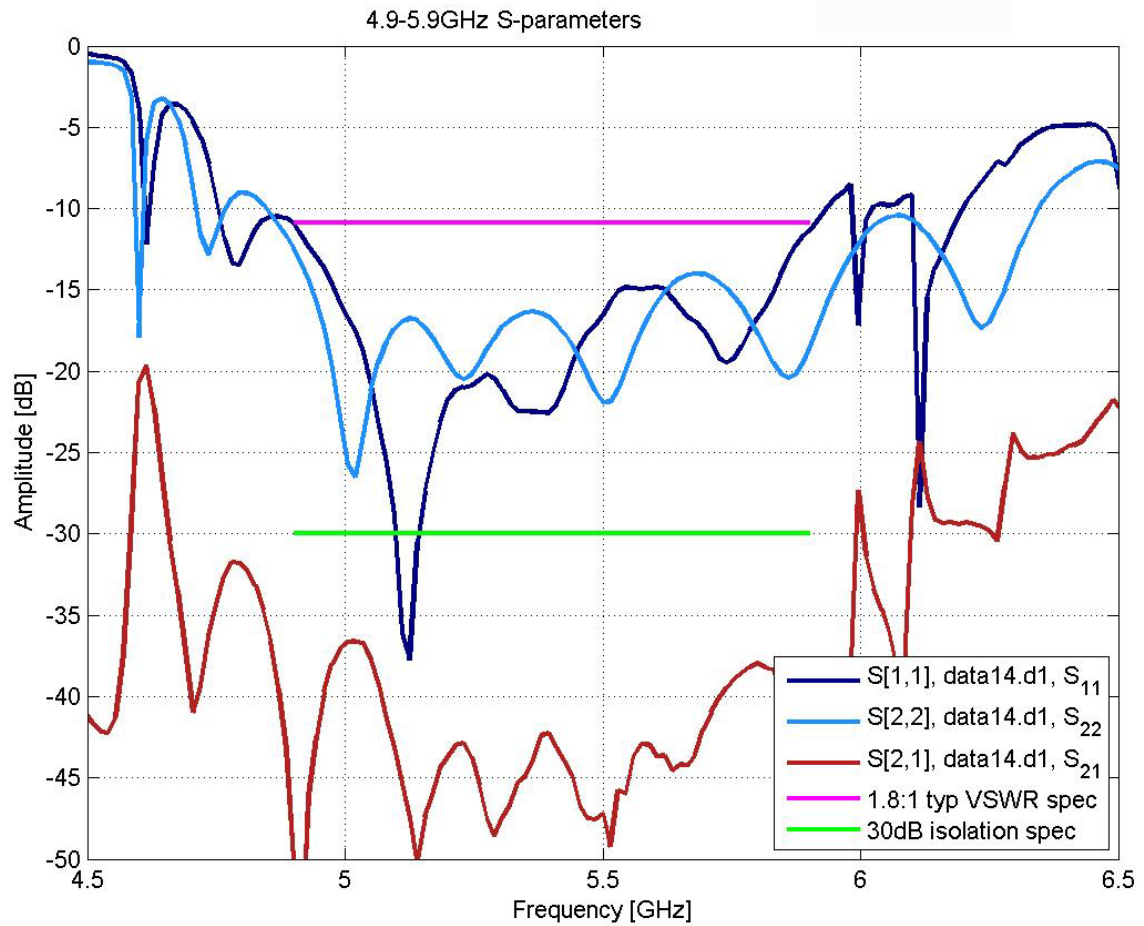


Figure 7: A2FT2906LTPD Subscriber/PTP Antenna - S-Parameters