

1.8m/6ft ultra high XPD performance dual-polarized microwave parabolic antenna specification

Electrical performance:

Antenna Model	Antenna Size(m/ft)	Frequency (GHz)	Gain(dBi)			3dB BW (degs)	XPD (dB)	VSWR	F/B radio (dB)	ISO
			Low	Mid	Top					
CMP183DC	1.8m/6ft	3.6-4.2	33.8	34.8	35.3	3.1	40	1.15	60	45
CMP184DC	1.8m/6ft	4.4-5.0	35.7	36.3	36.8	2.6	40	1.15	61	45
CMP186WDC	1.8m/6ft	5.925-7.125	38.4	39.4	39.8	1.8	40	1.1	65	45
CMP187WDC	1.8m/6ft	7.125-8.5	40.0	40.8	41.5	1.5	40	1.1	66	45
CMP1810WDC	1.8m/6ft	10-11.7	43.0	43.7	44.3	1.1	40	1.1	69	45
CMP1813WDC	1.8m/6ft	12.2-13.25	45.0	45.2	45.3	0.9	40	1.1	70	45
CMP1815DC	1.8m/6ft	14.4-15.35	46.1	46.3	46.6	0.8	40	1.1	71	45

1.8m/6ft high XPD performance dual-polarized microwave parabolic antenna specification

Electrical performance:

Antenna Model	Antenna Size(m/ft)	Frequency (GHz)	Gain(dBi)			3dB BW (degs)	XPD (dB)	VSWR	F/B radio (dB)	ISO
			Low	Mid	Top					
CMP183DB	1.8m/6ft	3.6-4.2	33.8	34.8	35.3	3.1	33	1.15	60	38
CMP184DB	1.8m/6ft	4.4-5.0	35.7	36.3	36.8	2.6	33	1.15	61	38
CMP186WDB	1.8m/6ft	5.925-7.125	38.4	39.4	39.8	1.8	33	1.1	65	38
CMP187WDB	1.8m/6ft	7.125-8.5	40.0	40.8	41.5	1.5	33	1.1	66	38
CMP1810WDB	1.8m/6ft	10-11.7	43.0	43.7	44.3	1.1	33	1.1	69	38
CMP1813WDB	1.8m/6ft	12.2-13.25	45.0	45.2	45.3	0.9	33	1.1	70	38
CMP1815DB	1.8m/6ft	14.4-15.35	46.1	46.3	46.6	0.8	33	1.1	71	38

1.8m/6ft standard performance dual-polarized microwave parabolic antenna specification

Electrical performance:

Antenna Model	Antenna Size(m/ft)	Frequency (GHz)	Gain(dBi)			3dB BW (degs)	XPD (dB)	VSWR	F/B radio (dB)	ISO
			Low	Mid	Top					
CMP183DA	1.8m/6ft	3.6-4.2	33.8	34.8	35.3	3.1	30	1.15	60	35
CMP184DA	1.8m/6ft	4.4-5.0	35.7	36.3	36.8	2.6	30	1.15	61	35
CMP186WDA	1.8m/6ft	5.925-7.125	38.4	39.4	39.8	1.8	30	1.1	65	35
CMP187WDA	1.8m/6ft	7.125-8.5	40.0	40.8	41.5	1.5	30	1.1	66	35
CMP1810WDA	1.8m/6ft	10-11.7	43.0	43.7	44.3	1.1	30	1.1	69	35
CMP1813WDA	1.8m/6ft	12.2-13.25	45.0	45.2	45.3	0.9	30	1.1	70	35
CMP1815DA	1.8m/6ft	14.4-15.35	46.1	46.3	46.6	0.8	30	1.1	71	35

Mechanical performance:

Diameter of Mounting Pole	Φ114 mm
Fine Azimuth Adjustment	Coarse 360° Fine ±5°
Fine Elevation Adjustment	Fine ±5°
Wind Velocity Operational	180km/h
Wind Velocity Survival	200km/h
Ice-load	25.4 mm
Operational Temperature	-55~ +70°C



1.The low/mid/high gain has ≤ -0.5 dBi tolerance is within the normal range;

2.F/B radio: Denotes highest radiation relative to the main beam, at $180^\circ \pm 40^\circ$, across the band. Production antennas do not exceed rated values by more than 2 dB unless stated otherwise;