

## 1850~1990 90° 18dBi Fixed Tilt Vpol. Antenna

TECHNICAL PERFORMANCE	MY-DB-199018
• Frequency range	1850 – 1990 MHz
• Gain	18 dBi
• VSWR	< 1.4 ÷ 1
• H Beamwidth	90°
• V Beamwidth	4.5°
• Polarization	Vertical
• Power Handling	300 W
• Impedance	50 Ω
• Electrical Tilt	0, 1, 2, 3, 4, 5, 6, 7, 8, 9 & 10° Fixed
• Sidelobe suppression	> 15 dB
• Front to Back Ratio	> 23 dB
• Isolation	> 30 dB
• Connector	1 x 7/16 Female at bottom
• Intermodulation	< -150 dBc
• Lightning Protection	Direct ground
• Dimensions	1930 x 165 x 65 mm
• Packing dimensions	2355 x 220 x 160 mm
• Weight with brackets	14.5 Kg
• Packing weight	16.5 Kg
• Rated wind velocity	216 Km/h (60m/s)
• Operating temperature	-55° to +65°C
• Mounting hardware	50 ÷ 115 mm Ø
• Wind load area	0.33 m <sup>2</sup>
• Mechanical tilt	0° - 10°
• Radome color	Pantone 5517C
• Reflector material	Aluminum Alloy

