

S.1H-165

Heavy duty high power centre fed folded dipole 155 - 175 MHz

Beschreibung

- A Heavy Duty, VHF Center Fed Dipole antenna for PMR/Trunked Radio, Broadcast and VHF Aircraft Band applications.
- Multiple dipoles can be mounted on a tower and connected with a phasing harness to form a high gain, stacked array.
- Produced to the highest quality standards, these robust antenna designs will insure reliable operation in harsh environmental conditions.
- Former Skymacasts brand product.



BESTELLUNG

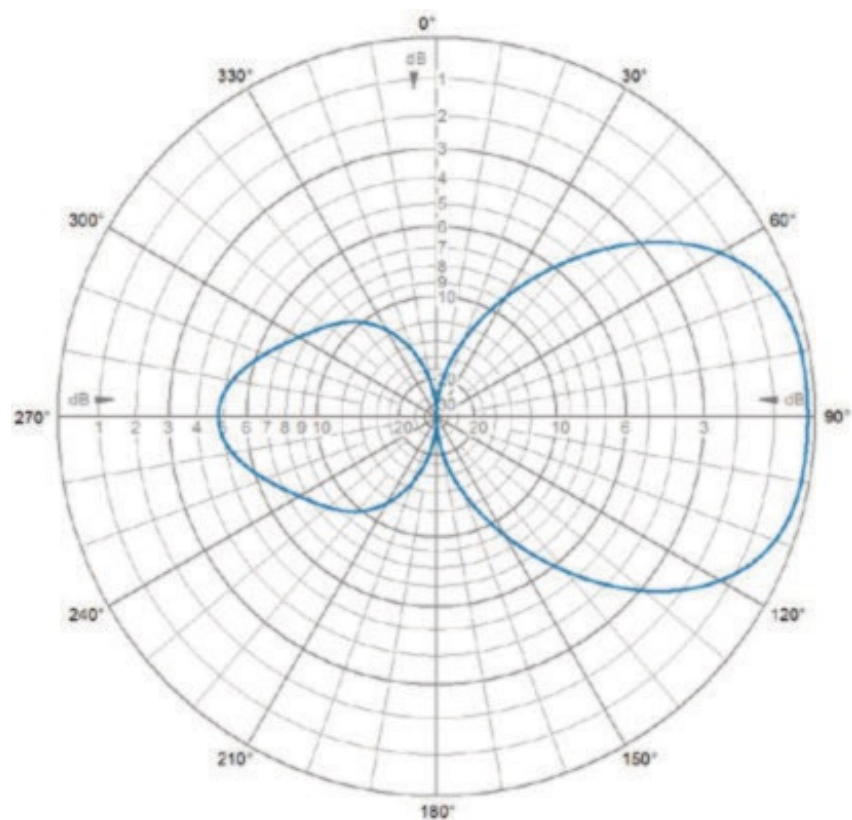
Modell	Produkt Nr	Frequenz
Heavy duty high power centre fed folded dipole	S.1H-165	155 - 175 MHz

SPEZIFIKATIONEN

Elektrisch DE	
Modell	S.1H-165
Frequenz	155 - 175 MHz
Max. Eingangsleistung	500 W
Polarisation	Vertikal
Öffnungswinkel 3 dB, vertikal	85 °
Öffnungswinkel 3 dB, horizontal	Omni - will depend on mounting distance from mast.
Impedanz	50 Ω
Gewinn	0 dBd (omni - will depend on mounting distance from mast)
VSWR	< 1.5:1
Vor-Rückverhältnis	4 dB (when mounted on conductive pole)
Antistatischer Schutz	Alle Metallteile DC-geerdet (Stecker zeigt einen DC-Kurzschluss)
Mechanisch DE	
Elemente	19 x 1.6 mm dia. / 0.75 x 0.06 in. wall aluminium alloy grade 6063T6
Anschlussstyp	N(f) an 3m RG213 / U Kabel
Boom Material	48.4 x 4.5 mm dia. / 1.91 x 0.18 in. wall aluminium alloy grade 6082T6
Befestiger	Edelstahlsorte A2-70
Länge	ca. 1500 mm
Elementklammern	Bearbeitete Aluminiumlegierung
Windlast	188 N (160 km/h)
Gewicht	ca. 4.6 kg
Schutzverschluss	Polyurethanharz U-600

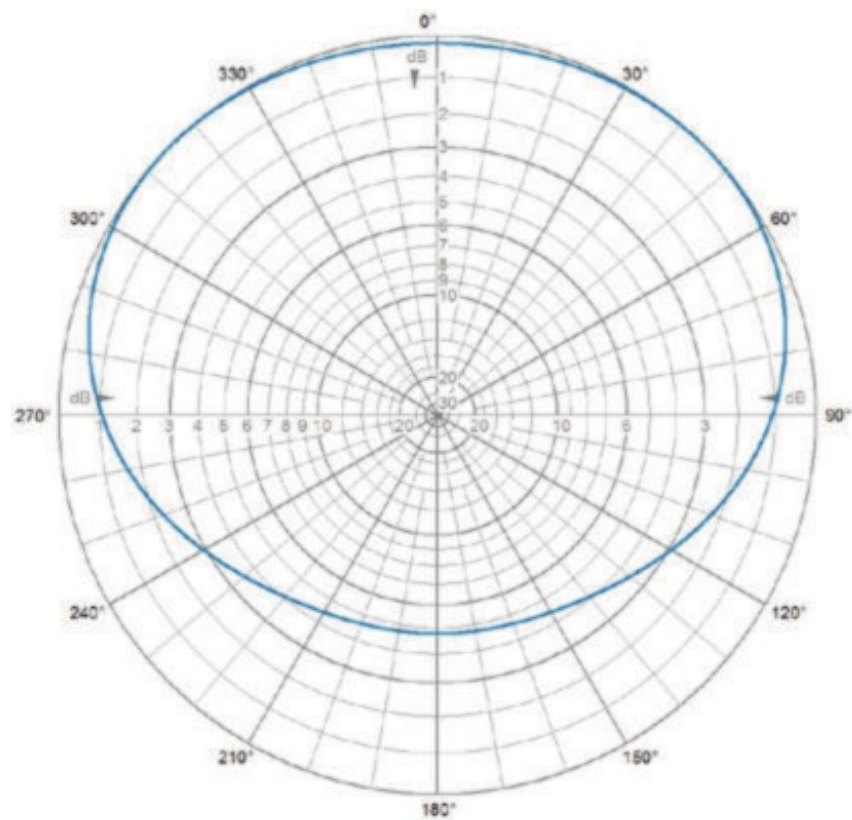
DIAGRAM

STRAHLUNGSDIAGRAMM



E-Plane | 165 MHz

STRAHLUNGSDIAGRAMM



H-Plane | 165 MHz

