

XPOL panel antenna 120°, 11 dBi, 380 - 470 MHz

BESCHREIBUNG

- The 760/766 series of UHF Panel antenna has been designed for TETRA / UHF Trunked Radio applications, offering a stable performance an PIM specification over a wide bandwidth.
- Available in VPOL and XPOL formats, the main housing of the antenna is made from corrosion resistant marine grade aluminium.
- The antennas compact design gives very low wind loading characteristics, and combined with the low weight of the antenna, aids in the reduction of structural loading.
- Former Skymasts brand product.



SPEZIFIKATIONEN

Elektrisch DE	
Modell	766.12.11.00
Frequenz	380 - 470 MHz
Max. Eingangsleistung	2 x 400 W
Polarisation	±45°
Spitzenfunktleistung	25 kW
Öffnungswinkel 3 dB, vertikal	18° ± 2°
Öffnungswinkel 3 dB, horizontal	115° ± 5°
Impedanz	50 Ω
Gewinn	8.9 dBd (11 dBi)
Port-Port-Isolierung	≥ 27dB
VSWR	< 1.5:1
Vor-Rückverhältnis	> 20 dB
Kreuz Polar Diskriminierung	30 dB
Passive Intermodulation	-153 dBc (3rd Order, 2 x Tx @ 43 dBm)
Antistatischer Schutz	Alle Metallteile DC-geerdet (Stecker zeigt einen DC-Kurzschluss)

Mechanisch DE	
Anschlussstyp	2 x 7/16(f) Also available with N(f) or 4.3-10(f)
Gehäusematerial	Aluminiumlegierung, Marine Grade 5083
Radomematerial / Farbe	Weiß ASA, UV-beständig
Abmessungen	1840 x 300 x 216 mm
Windlast	445 N (160 km/h)
Gewicht	ca. 11 kg
Alternative Montagehalterung	Tilt bracket : 766.7010 (0 - 12°) 766.7020 (0 - 22°) (Ordered Separately)

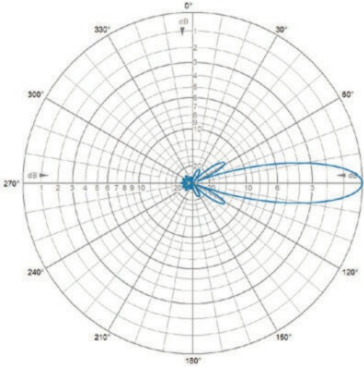
Umwelt	
Betriebstemperaturbereich	-40 °C to +75 °C
Max. Windgeschwindigkeit	270 km/h
IP Schutzklasse	IP56

BESTELLUNG

Modell	Produkt Nr	Beschreibung	Frequenz
XPOL panel antenna 120°, 11 dBi	766.12.11.00-7/16(f)	7/16(f) termination	380 - 470 MHz
XPOL panel antenna 120°, 11 dBi	766.12.11.00-N(f)	N(f) termination (not PIM specified)	380 - 470 MHz
XPOL panel antenna 120°, 11 dBi	Contact for availability	4.3-10(f) termination	380 - 470 MHz
Accessories			
Bracket kit for 760/766 panel (no tilt)	766.700		
Bracket kit for 760/766 panel (large), 0-12°	766.7010		

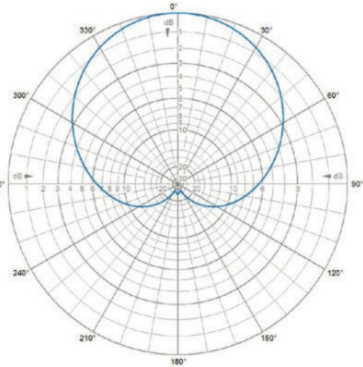
DIAGRAM

STRAHLUNGSDIAGRAMM



E-Plane | 425 MHz

STRAHLUNGSDIAGRAMM



H-Plane | 425 MHz