

PUV74002-PUVX4002 UHF VERTICAL POL. 4 DIPOLES PANEL (I 230EV-2)



W=487 mm / H=987 mm / D= 210 mm

Fixing Holes Pattern (4 Holes for M8 Bolts) :
Vertical distance 920 mm; Horizontal 85 mm

UHF Band	Operative Frequency 470 - 806 MHz	Input: 7/8" EIA 7-16 DIN
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MAIN FEATURES

Product code: PUV74002 (7/8" IN) - PUVX4002 (7-16 IN)

Electrical characteristics

Frequency Range	470 - 806 MHz
Input impedance	50 OHM
Polarization	Vertical
Gain	11 dBd (@ 650 MHz)
VSWR	<1.1
Max input Power PUV74002	2.5 (@650 MHz)
Max input Power PUVX4002	1.0 (@650 MHz)

all metal parts are ground connected

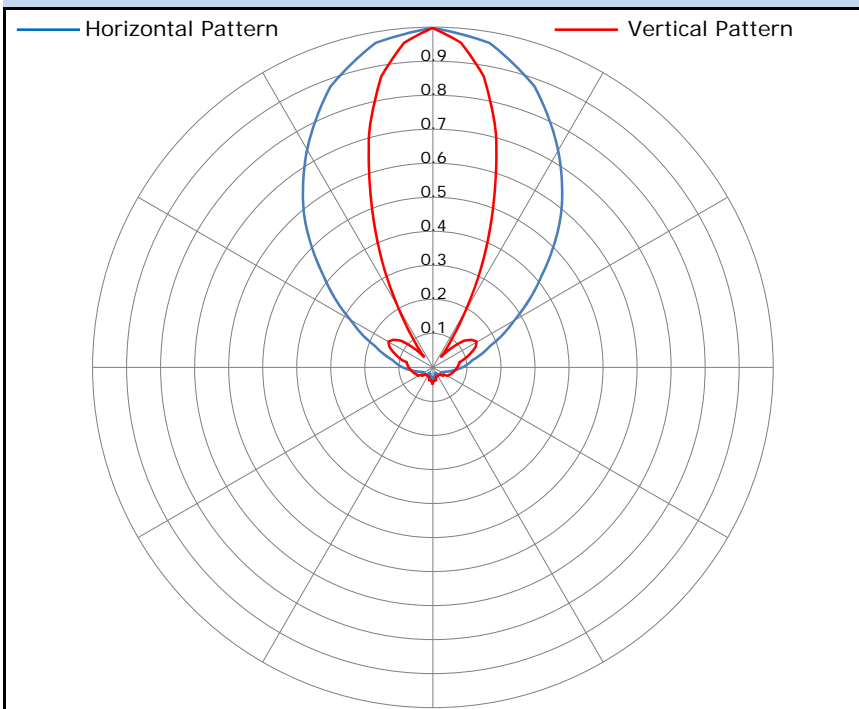
Mechanical characteristics

Input Connector PUV74002	EIA 7/8" (swivel)
Input Connector PUVX4002	DIN 7-16 female
Weight/Mass	117.6 N (12 Kg 26.4 lbs)
Wind loads (wind=160 Kph)	565 N (Front thrust) 250 N (Side thrust)
Max Wind (survival)	200 Kph
Operating temperature	-50°C to +60°C
Pressurization (NOT for 7-16 input version)	100 KPa (1 Atm)
Mounting (Pole Brackets optional)	Tower face/Custom Mast

Materials

Back reflector	Inox Steel
Internal Lines/ Dipoles	Silver Plated Brass/Copper
Radome	Fiberglass
Hardware	Inox Steel AISI304

E/EM Radiation Patterns



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Data on this datasheet can vary without previous notice