

PUH14000-PUH74000-PUHX4000 UHF HORIZ.POL. 4 DIPOLES PANEL (I230 EH)



W=450 mm / H=1050 mm / D= 197 mm

UHF Band	Operative Frequency 470 - 806 MHz	Input: 1-5/8"EIA 7/8" EIA 7-16 DIN
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MAIN FEATURES

Product code: PUH14000 -PUH74000 - PUHX4000

Electrical characteristics

Frequency Range	470 - 806 MHz
Input impedance	50 OHM
Polarization	Horizontal
Gain	11.6 dBd (@ 650 MHz)
VSWR	<1.1
Max input Power PUH14000	5.0 (@650 MHz)
Max input Power PUH74000	2.5 (@650 MHz)
Max input Power PUHX4000	1.0 (@650 MHz)

all metal parts are ground connected

Mechanical characteristics

Input Connector PUH14000	EIA 1-5/8" (swivel)
Input Connector PUH74000	EIA 7/8" (swivel)
Input Connector PUHX4000	DIN 7-16 female
Weight/Mass	157 N (16 Kg 35.2 lbs)
Wind loads (wind=160 Kph)	600N (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

