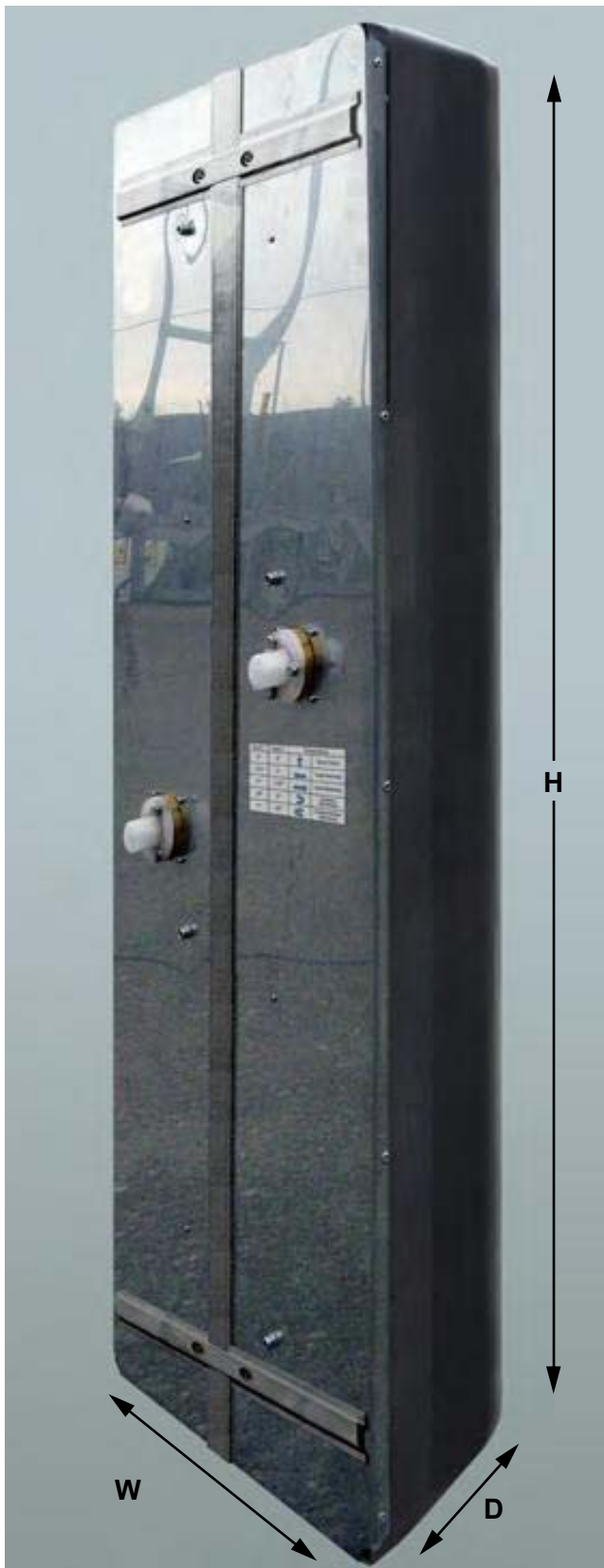


**PUM78RT0 UHF ELLIPTICAL. POL. 8 DIPOLES PANEL (I230-EC)**



W=450 mm / H=1150 mm / D= 210 mm

UHF Band	Operative Frequency 470 - 806 MHz	Input: 2 x 7/8" EIA
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**MAIN FEATURES**

Product code: PUM78RT0 (XA258000)

**Electrical characteristics**

Frequency Range	470 - 806 MHz
Input impedance	50 OHM
Polarization	Elliptical (any configuration)
Gain	12 dBd (@ 650 MHz)
F/B Ratio	15 dB
Axial ratio	± 1.5
VSWR (Circular Pol.)	1.15
VWSR (Linear Pol.)	1.2
Max input Power	2.5 (@650 MHz)
Voltage Breakdown	7 KV
all metal parts are ground connected	

**Mechanical characteristics**

Input Connector	2 x EIA 7/8"
Weight/Mass	176.6 N (18 Kg   39.6 lbs)
Wind loads (wind=160 Kph)	710 N (Front thrust) 370 N (Side thrust)
Max Wind (survival)	200 Kph
Operating temperature	-50°C to +60°C
Pressurization	100 KPa (1 Atm)
Mounting	Tower face
Pole Brackets (optional)	

**Materials**

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

**E/EM Radiation Patterns**

