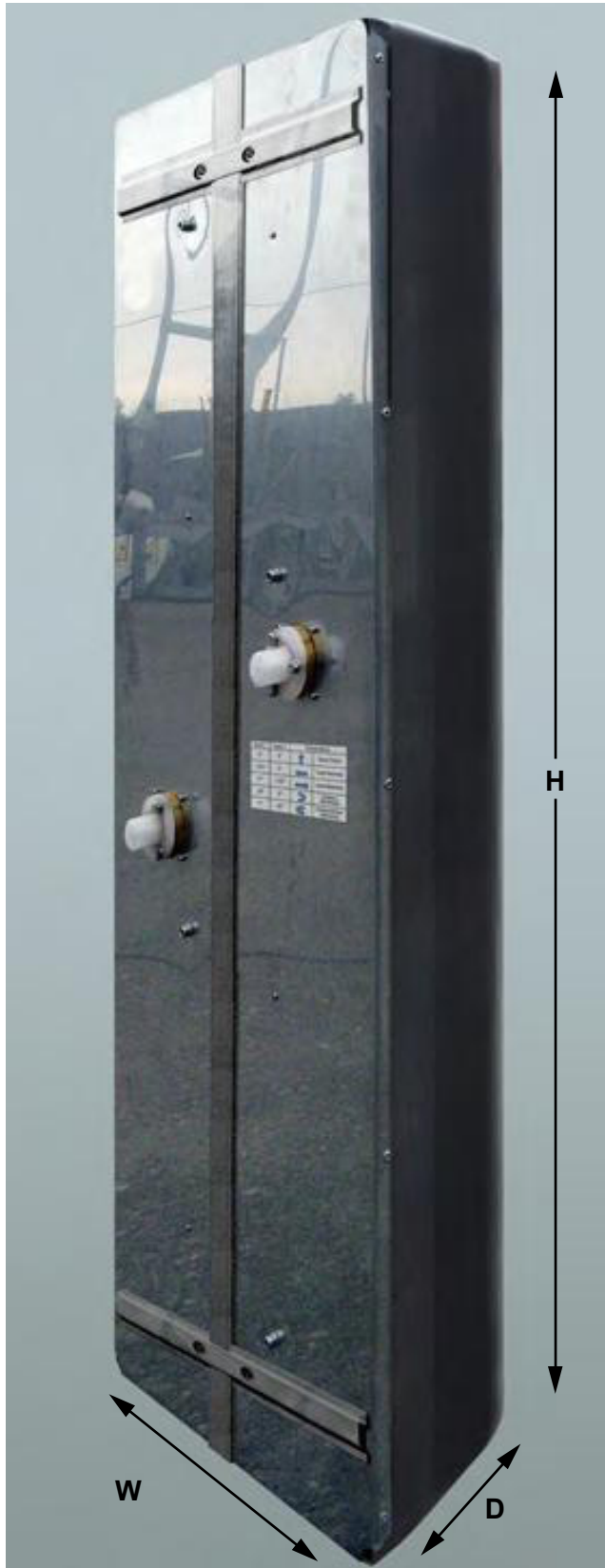


PUM78RT0 UHF ELLIPTICAL. POL. 8 DIPOLES UHF PANEL (I230EC)



UHF
Band IV-V TV

Operative Frequency
470 - 860 MHz

Input Size:
2 x EIA 7/8"

ELECTRICAL CHARACTERISTICS

Frequency Range	470 - 860 MHz
Input impedance	50 OHM
Polarization	Elliptical (any configuration)
Gain	12 dBd (@ 650 MHz)
Axial ratio	± 1.5
VSWR (Circular Pol.)	1.15
VWSR (Linear Pol.)	1.2
Max input Power	2.5 kW per input
Voltage Breakdown	7 KV

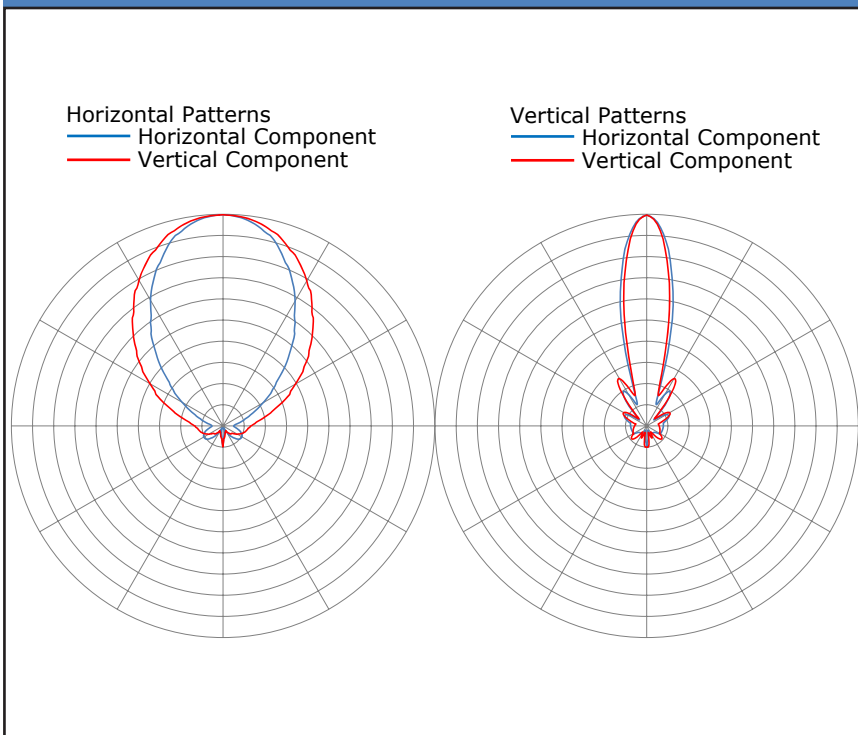
MECHANICAL CHARACTERISTICS

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	Stainless Steel
Internal Lines/ Dipoles	Silver Plated Brass/Copper
Hardware	Stainless Steel
Radome	Fiberglass (Std Color: Grey, other colors upon request)

RADIATION PATTERNS



W: 450 mm [17.7"]; H: 1150 [45.3"]; D: 210 [8.3"]