

**XA244400 UHF VERTICAL. POL. OMNIDIRECTIONAL**

UHF Band	Operative Frequency 470 - 750 MHz	Input: 7-16 DIN
----------	--------------------------------------	-----------------

**MAIN FEATURES**

Product code: XA244400 (See above Models' table)

**Electrical characteristics**

Frequency Range	470 - 750 MHz *
Input impedance	50 OHM
Polarization (depends on mounting)	Vertical
Gain	8.0 ±0.5 dBd (@ 610 MHz)
VSWR	<1.3 (Typical)
Max input Power	1.0 (@610 MHz)

**Mechanical characteristics**

Input Connector	DIN 7-16 female
Weight/Mass	Min.29.4 N (3 Kg   6.6 lbs) Max 49.1 N (5 Kg   11 lbs) (depends on Model*)
Max Wind (survival)	220 Kph
Operating temperature	-50°C to +60°C
Mounting	Ø 60-114 Pole Mount

**Materials**

Brackets & Hardware	Inox Steel
Radome	Fiberglass

H (See above MODELS' TABLE)

\* Models' table & length

Freq. Range MHz	Model	H m (feet)
470 to 486	BH500-04V-212	2.4 (7.9)
486 to 502	BH500-04V-234	2.4 (7.9)
502 to 518	BH500-04V-256	2.4 (7.9)
518 to 542	BH500-04V-279	2.4 (7.9)
542 to 558	BH600-04V-301	2.1 (6.9)
558 to 574	BH600-04V-323	2.1 (6.9)
574 to 590	BH600-04V-345	2.1 (6.9)
590 to 606	BH600-04V-367	2.1 (6.9)
606 to 622	BH600-04V-389	2.1 (6.9)
622 to 638	BH700-04V-401	1.9 (6.2)
638 to 654	BH700-04V-423	1.9 (6.2)
654 to 670	BH700-04V-445	1.9 (6.2)
670 to 686	BH700-04V-467	1.9 (6.2)
686 to 702	BH700-04V-489	1.9 (6.2)
702 to 718	BH700-04V-501	1.9 (6.2)
718 to 734	BH700-04V-523	1.9 (6.2)
734 to 750	BH700-04V-545	1.9 (6.2)

**E/EM Radiation Patterns (Horizontal Pol.)**

