

## ZUHP

### Horizontal polarised UHF TV panel

The ZUHP is a horizontal polarised broadband panel covering the entire UHF TV band IV and V.

With the panel being an enclose item, the radiating internals have minimal exposure to damage or moisture ingress.

Coaxial feeder cable, connectors and other installation accessories are all available separately.

Specifications	ZUHP
Construction	White fibreglass radome, aluminium back screen and external rear-mounted power divider
Frequency range	UHF TV 520-820MHz - channel 27-69
Bandwidth	Full band
Return loss, VSWR	Better than -20dB, <1.2:1 across full band
Tuning	Factory
Gain (nominal)	11 dBd
Polarisation	Horizontal
Front-to-back ratio	24 dB
Maximum power	250 Watts per bay - for higher power, consult ZCG
Impedance	50 Ohms
H Plane	30°
E Plane	60°
DC grounding	Yes
Power divider input	N-type female at base of power divider or specify requirements
Panel dimensions	Height: 1100mm, Width: 500mm, Depth: 250mm
Weight	11.25kg
Projected area	Front: 0.37m <sup>2</sup> Side: 0.36m <sup>2</sup>
Wind load at 160kph	Front: 44.84kg, 0.440kN Side: 43.60kg, 0.427kN
Mounting hardware	2 x stainless steel U-bolts, 50-60mm capability - supplied
Warranty	2 Years



E-Plane

H-Plane

