

ZVHP series

Horizontally polarised VHF TV panel

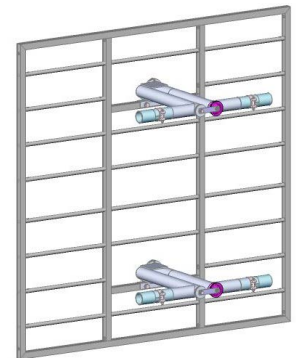
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The ZVHP is a single horizontally polarised dual dipole broadband panel covering the entire VHF TV channels 6-12.

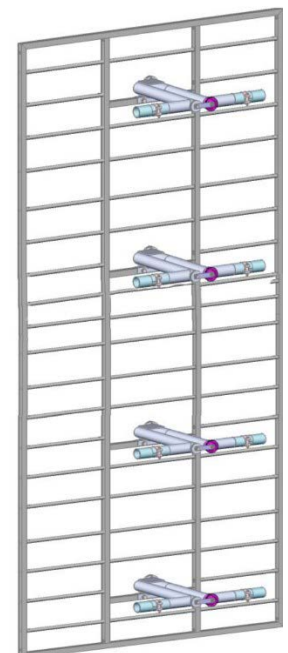
The ZVHP-2 is a dual horizontally polarised dual dipole broadband panel covering the entire VHF TV channels 6-12.

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

Specifications	ZVHP	ZVHP-2
Construction	Fully-welded galvanised steel screen, 304 stainless steel dipoles and power divider	
Number of dipoles	2 on single screen	4 on two screens - 2 per screen
Frequency range	VHF TV 174-230 - channel 6-12	
Bandwidth	Full band	Full band
Return loss, VSWR	Better than 1.2:1 full band or better than -26dB for a specified single channel	
Tuning	Factory	Factory
Polarisation	Horizontal	Horizontal
Gain - nominal	8.0 dBd	11.0 dBd
Maximum power	2 Kilowatts TV power	2 Kilowatts TV power per panel
Impedance	50 Ohms	50 Ohms
DC grounding	Yes	Yes
Elevation beamwidth	64°	64°
Power divider input	7/8" EIA at base of power divider - or specify requirements	
Panel dimensions	Height: 1300mm Width: 1300mm Depth: 460mm	Height: 3000mm Width: 1300mm Depth: 460mm
Weight	30.0kg	64.0kg
Projected area	0.401m ²	0.782m ²
Wind load at 160kph	48.597kg, 0.476kN	94.727kg, 0.928kN
Mounting hardware	M10 bolt and U-bolt mounting kit - supplied	
Warranty	2 Years	2 Years



ZVHP



ZVHP-2

ZVHP-LP low power model on following page.

ZVHP-LP

Low Power Horizontally polarised Dual Dipole VHF TV panel

The ZVHP-LP is the low powered version of the standard ZVHP single horizontally polarised dual dipole broadband panel covering the entire VHF TV channels 6-12. The ZVHP-LP consists of 2 VHF sidemount dipoles on a rear screen.

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

Specifications	ZVHP-LP
Construction	Fully-welded 304 stainless reflector screen, 2 x 304 stainless steel sidemount dipoles and external power divider
Frequency range	VHF TV 174-230 - channel 6-12
Bandwidth	Full band
Return loss, VSWR	Better than 1.2:1 full band or better than -26dB for a specified single channel
Tuning	Factory
Polarisation	Horizontal
Gain - nominal	7.5 dBd
Maximum power	250 Watts TV power
Impedance	50 Ohms
DC grounding	Yes
Elevation beamwidth	60°
Power divider input	N-type female at base of power divider or specify requirements
Panel dimensions	Height: 1500mm Width:1500mm Depth: 640mm
Weight	28.0kg
Projected area	0.293m ²
Wind load at 160kph	35.490kg, 0.348kN
Mounting hardware	M8 bolt and U-bolts mounting kit - supplied
Warranty	2 Years

