

Z2500-8 & Z2600-8

Omni-directional high gain mast mount collinear
UHF 2.46-2.58GHz or 2.62-2.68GHz



The Z2500-8 and Z2600-8 are omni-directional mast mount collinears designed for wireless data communications within 2.46-2.58GHz or 2.62-2.68GHz.

Mounting hardware, coaxial feeder cable, water-proofing, bird proofing and other installation accessories are all available separately.

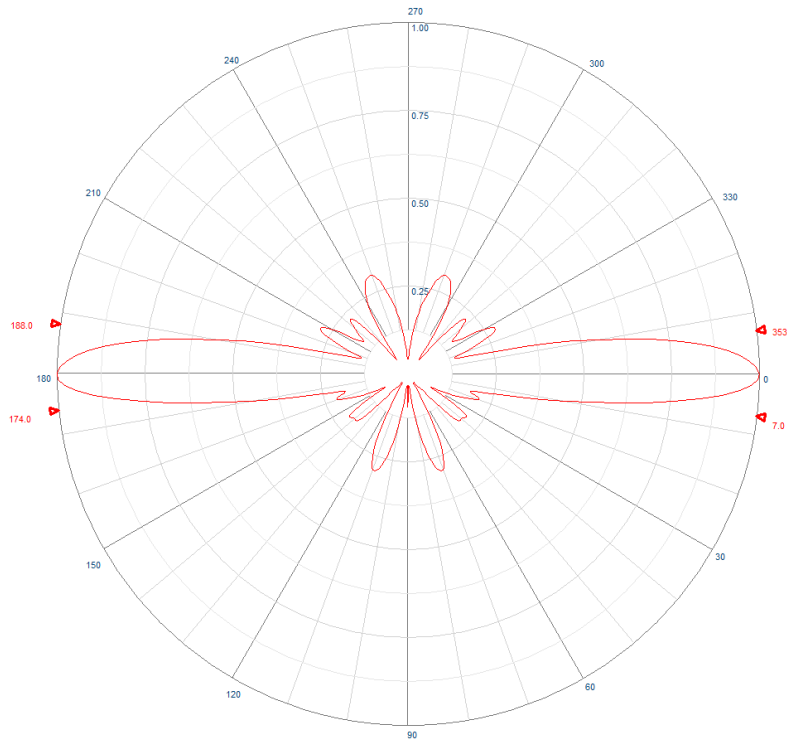
	Z2500-8	Z2600-8
Construction	White fibreglass radome and 304 stainless steel mount section with external termination	
Frequency range	2.46-2.58GHz	2.62-2.68GHz
Bandwidth	Full selected frequency range	
VSWR	<1.5:1	
Tuning	Factory	
Gain	10dBi	
Impedance - nominal	50 Ohms	
Maximum power	50 Watts	
DC grounding	Yes	
Polarisation	Vertical	
H Plane	360° omni-directional	
E Plane	14°	
Connector	N-type female in base of mount section - as standard	
Height	820mm	810mm
Weight	600grams	590grams
Mount section	240mm x 25.4mm - 304 stainless steel	
Mounting hardware order separate	Parallel: 2 x EB1-SS or 1 x UB3-SS Right-angle: 2 x RB8 or 1 x UB2-SS	
Mounting position recommended	Mount as high on your structure, mast or tower as possible using the appropriate mounting clamp/s. Ensure the antenna is mounted away from any vertical metallic objects	



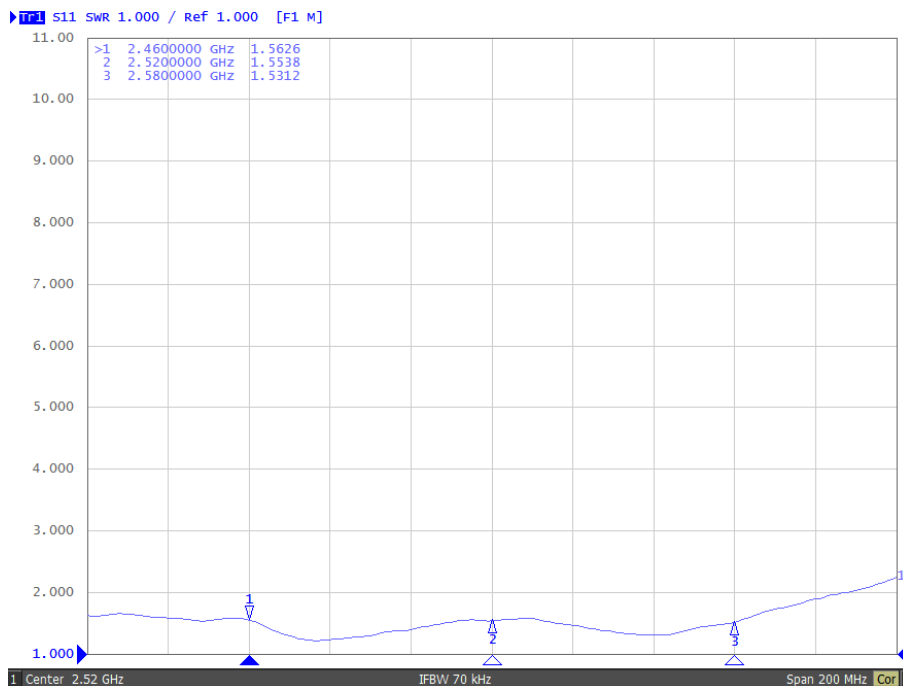
N-type female in base of mount section

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Example radiation pattern - Z2500-8



Typical VSWR - Z2500-8

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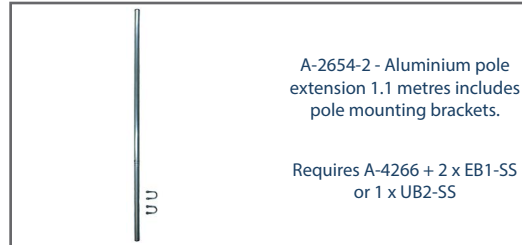
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CFB series - Galvanised steel 'J' hockey stick brackets, 1.1 - 2.1 metres.

Requires A-4266 series + 2 x EB1-SS or 1 x UB2-SS



A-2654-2 - Aluminium pole extension 1.1 metres includes pole mounting brackets.

Requires A-4266 + 2 x EB1-SS or 1 x UB2-SS

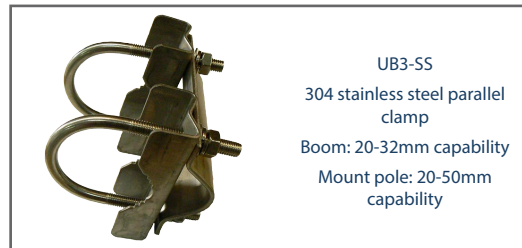


SFB Series - galvanised steel pole extension 0.9-2.0 metres
Roof or overhang mounting

Requires A-4266 + 2 x EB1-SS or 1 x UB2-SS



EB1-SS - requires 2
304 stainless steel parallel clamp
Boom: 20-40mm capability
Mount pole: 25-45mm capability



UB3-SS
304 stainless steel parallel clamp
Boom: 20-32mm capability
Mount pole: 20-50mm capability



RB8 - requires 2
Galvanised steel right-angle clamp
Boom: 20-40mm capability
Mount pole: 20-40mm capability



UB2-SS
304 stainless steel right-angle clamp
Boom: 20-50mm capability
Mount pole: 20-50mm capability

Suitable feeder coaxial cable



RU400 Solid copper conductor, low loss coaxial cable
CNT-400 / LMR-400™ equivalent
(* times microwave)
P/N 7890

Available in 100m, 300m or 500m rolls



1/2" super flexible helical solid shielded, foam dielectric coaxial cable
FSJ4-50 / LMR600-UF™ equivalent
(* times microwave)
P/N ZCG1250SF

Available in per metre, or 500m rolls



1/2" corrugated shielding, foam dielectric coaxial cable
LDF4-50 / LMR-600™ equivalent
(* times microwave)
P/N ZCG1250

Available in per metre, or 500m rolls



7/8" corrugated shielding, foam dielectric coaxial cable
AVA5-50 / LMR-1200™ equivalent
(* times microwave)
P/N ZCG7850

Available in per metre, or 500m rolls