

Z3500-10-NF

Omni-directional high gain collinear 5G/Wireless data 3.4-3.7 GHz



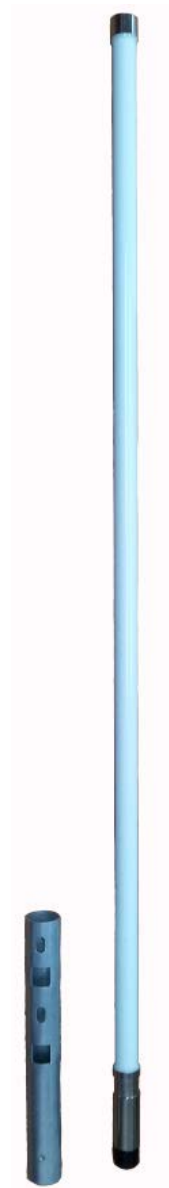
In-stock
Ready to
Ship

The Z3500-10-NF is an omni-directional mast mount collinear, designed and manufactured for wireless data communications, M2M, IoT and is 5G frequency compatible in the 3.4-3.7 GHz frequency range.

Mounting hardware, coaxial feeder cable, connectors and other installation accessories are all available separately.



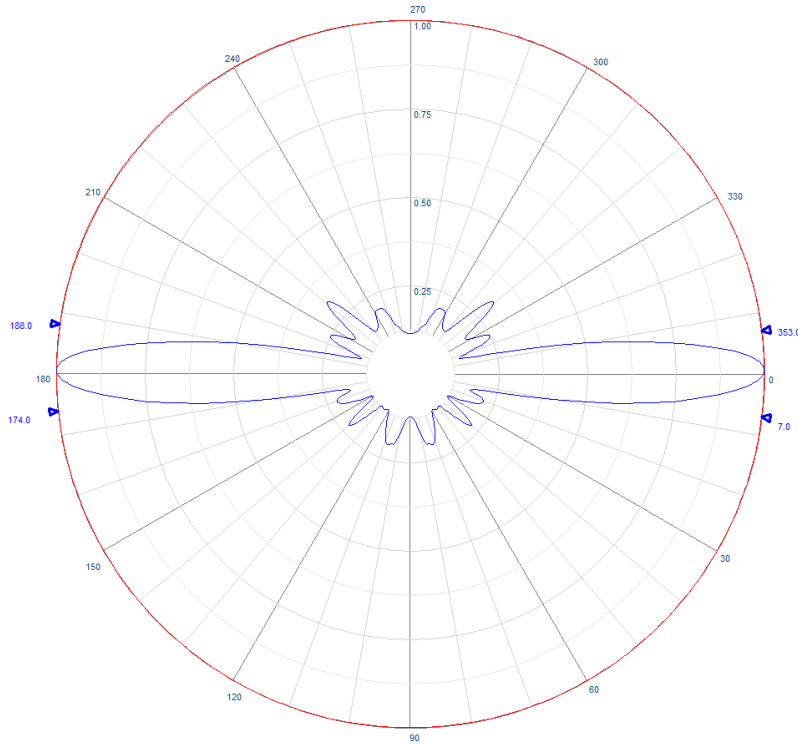
Construction	White fibreglass radome, chrome mount ferrule and aluminium mount adaptor
Frequency range	3.4-3.7 GHz - UHF, IoT, M2M & 5G compatible
Bandwidth	Full frequency range stated - 300 MHz
VSWR	<1.5:1
Tuning	Factory
Gain	10 dBi
Maximum power	50 Watts
Impedance - nominal	50 Ohms
DC grounding	Yes
Polarisation	Vertical
H Plane	360° omnidirectional
Connector	N-type female jack in base of ferrule, no cable
Height	780mm
Weight	500grams
Projected area	0.021m ²
Wind load at 160kph	2.508kg, 0.025kN
Mounting hardware - supplied	Detachable aluminium mount extension adaptor
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 as possible on your structure, tower or mast using the appropriate mounting clamps. Connect cable then insert the antenna ferrule into the mount adaptor until secure.



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Example radiation pattern - Z1280

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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 horizontal overhang mounting

Requires A-4266 + appropriate mounting clamps for antenna



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



UB2-SS
304 stainless steel right-angle clamp

Boom: 20-50mm capability
Mount pole: 20-50mm capability

Suitable feeder coaxial cable and connectors



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

P/N 7890

Available in 100m, 300m, 500m roll or alternatively request a custom cable assembly



N-type male crimp connector for RU400 low loss, solid conductor

P/N 8226

Tri-metal plated



RU600 Solid copper conductor, low loss coaxial cable
LMR-600™ equivalent
(™ times microwave)

P/N 7890-3

Available in 500m roll or alternatively request a custom cable assembly



N-type male crimp connector for RU600 low loss, solid conductor

P/N 8226-2

Tri-metal plated