



Z4UD-520650

Radome enclosed UHF DTV broadband dipole array UHF Band IV & V 520-650MHz



A compact, vertically polarized 4-bay UHF dipole array offering broadband operation across 520–650 MHz. Housed in a rugged fibreglass radome rated to 160 km/h wind speeds, the Z4UD-520650 delivers reliable performance in transposer and broadcast setups where space and durability matter.

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

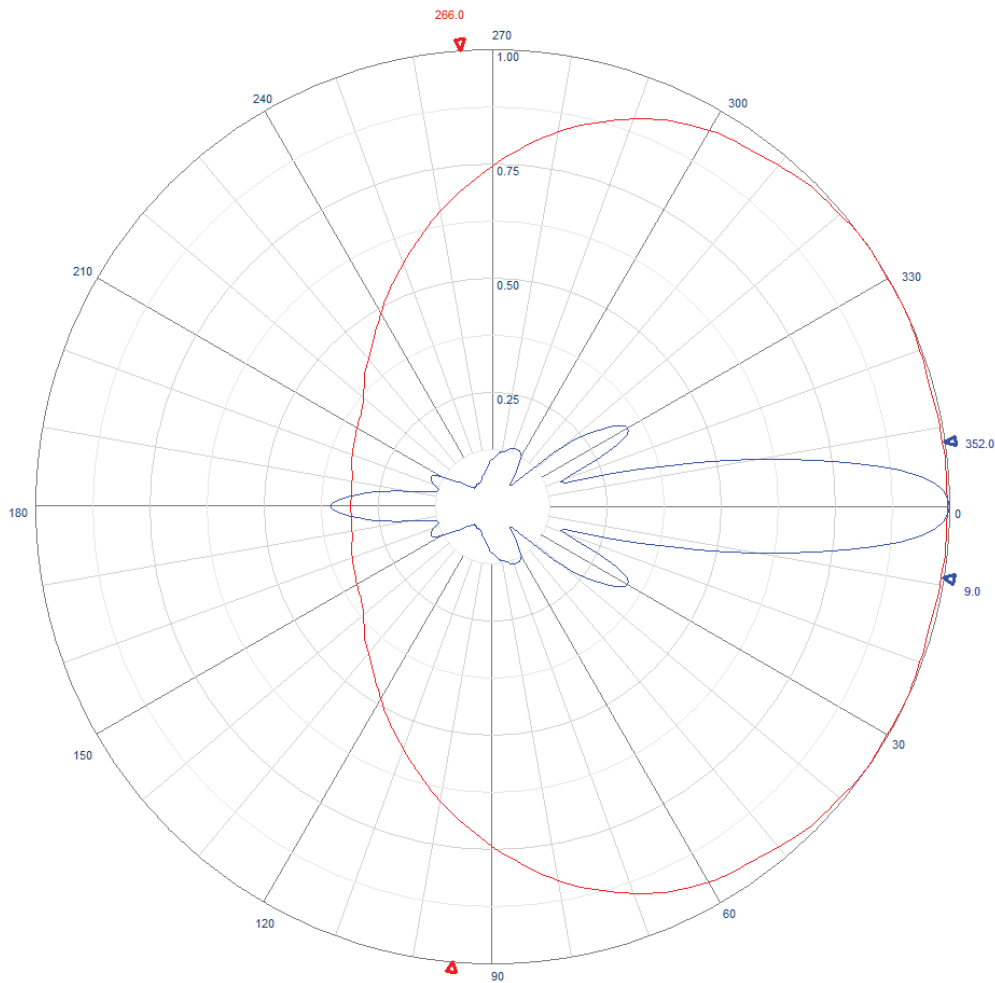
Construction	White fibreglass radome and flange mount base
Frequency range	520-650MHz - UHF Digital TV band IV & V (4 & 5)
Dipoles in Array	4 Bay Dipole Array
Bandwidth	Full frequency range stated
Tuning	Factory
VSWR	<1.2:1
Gain	8 dBd
Maximum - TV power	2 Kilowatts
Impedance	50 Ohms
DC grounding	Yes
Polarisation	Vertical
Connector - fitted	7/8" EIA flanged
Height	2.6 metres
Weight	24.0kg
Radome diameter	250mm
Mount section	292mm PCD with 8 x 22mm holes. 336mm dia. flange plate
Projected area	0.40m ²
Wind load at 160kph	113kg, 1.1kN
Mounting hardware order separate	8 x 16mm bolts
Warranty	2 Years





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Example radiation pattern - Z4UD-520650

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Suitable feeder coaxial cable and connectors



1/2" corrugated shielding,
foam dielectric coaxial cable
P/N ZCG1250

(also available in super flexible)
Available in per metre, 500m
roll or alternatively request a
custom cable assembly



7/8" corrugated shielding,
foam dielectric coaxial cable
P/N ZCG7850

also available in Air-dielectric
Available in per metre, 500m
roll or alternatively request a
custom cable assembly



1-5/8" corrugated shielding,
foam dielectric coaxial cable
P/N ZCG1580

also available in Air-dielectric
Available in per metre, 500m
roll or alternatively request a
custom cable assembly



N-type male clamp connector
for 1/2" flexible, corrugated
shielded, coaxial cable

P/N NM1250

Tri-metal plated



7/16" DIN male clamp
connector for 1/2" flexible,
corrugated shielded, coaxial
cable

P/N 716DINM1250

Tri-metal plated



7/16" DIN male clamp
connector for 7/8" flexible,
corrugated shielded, coaxial
cable

P/N 716DINM7850

Tri-metal plated



7/8" EIA flange connector
for 7/8" flexible, corrugated
shielded, coaxial cable

P/N 78EIA7850

Chrome plated



7/16" DIN male clamp
connector for 1-5/8" flexible,
corrugated shielded, coaxial
cable

P/N 716DINM1580

Tri-metal plated



7/8" EIA flange connector for
1-5/8" flexible, corrugated
shielded, coaxial cable

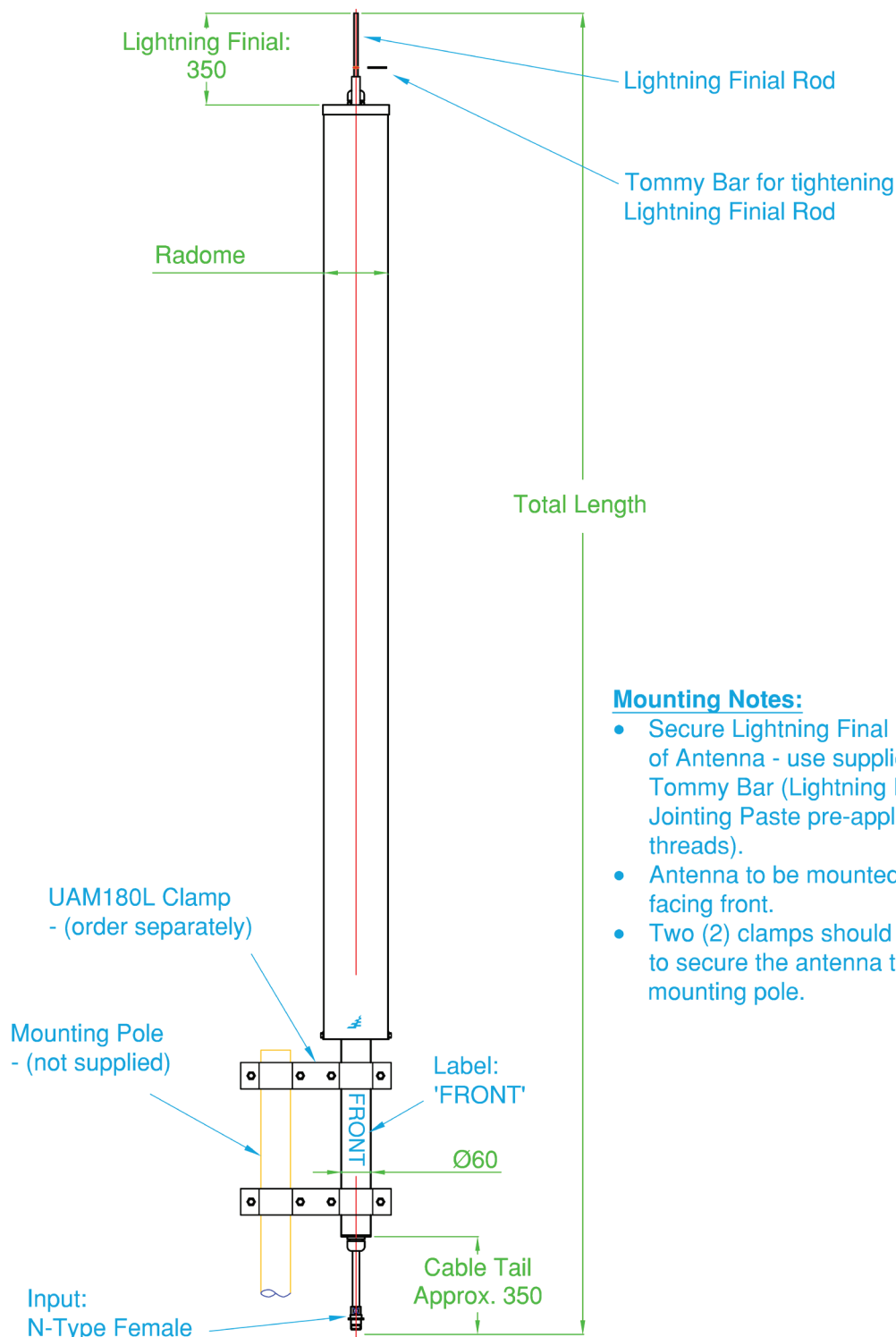
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Mounting Notes:

- Secure Lightning Final Rod to top of Antenna - use supplied Tommy Bar (Lightning Final has Jointing Paste pre-applied to threads).
- Antenna to be mounted with label facing front.
- Two (2) clamps should be used to secure the antenna to the mounting pole.