



## ZSL5262 Series

### Radome enclosed UHF DTV horizontal slot antenna

#### UHF 520-620MHz - Ch 27-40



Featuring a horizontal radiation pattern and high gain, the ZSL-5262 series of slot antennas are designed for 520-620MHz UHF TV broadcast covering channel 27-40. For alternative channels see the following pages.

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

	ZSL5262-LP	ZSL5262-MP	ZSL5262MP-FM
Construction	White fibreglass radome, aluminium mount section and lightning finial		White fibreglass radome, flange mount base and lightning finial
Frequency range	520-620MHz - Ch 27-40 - Band IV & V (4 & 5)		
Bandwidth	Full frequency range		
Tuning	Factory		
VSWR	<1.2:1		
Gain	9.5dBd		
Maximum - TV power	200 Watts	2 Kilowatts	3 Kilowatts
Impedance	50 Ohms		
DC grounding	Yes		
Polarisation	Horizontal		
Connector - fitted	N-type female	7/16" DIN female	7/8" EIA flanged
Cable	350mm 1/2" corrugated flexible bottom exits from mount section		N/A
Height	3.1 metres		2.6 metres
Weight	18.0kg	20.0kg	21.5kg
Radome diameter	250mm		
Mount section	63mm O.D. x 600mm - thick walled aluminium tube		224mm dia. flange plate with 8 x 18mm holes
Projected area	0.451m <sup>2</sup>		0.440m <sup>2</sup>
Wind load at 160kph	54.58kg, 0.535kN		53.258kg, 0.522kN
Mounting hardware order separate	Parallel: 2 x UAM180L or 2 x UAM180UNI Right-angle: 2 x UAM90L or 2 x UAM90UNI		8 x 18mm bolts
Warranty	2 Years		

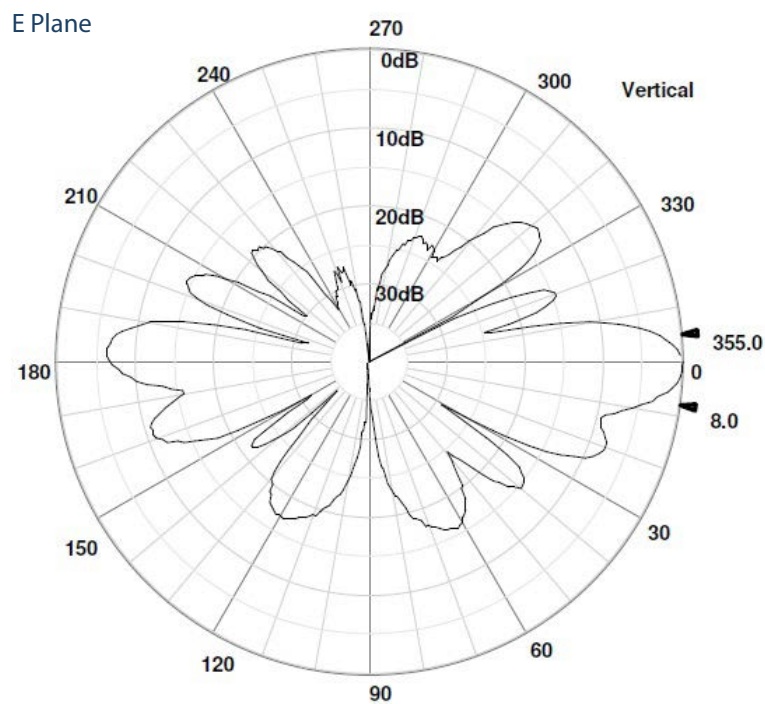
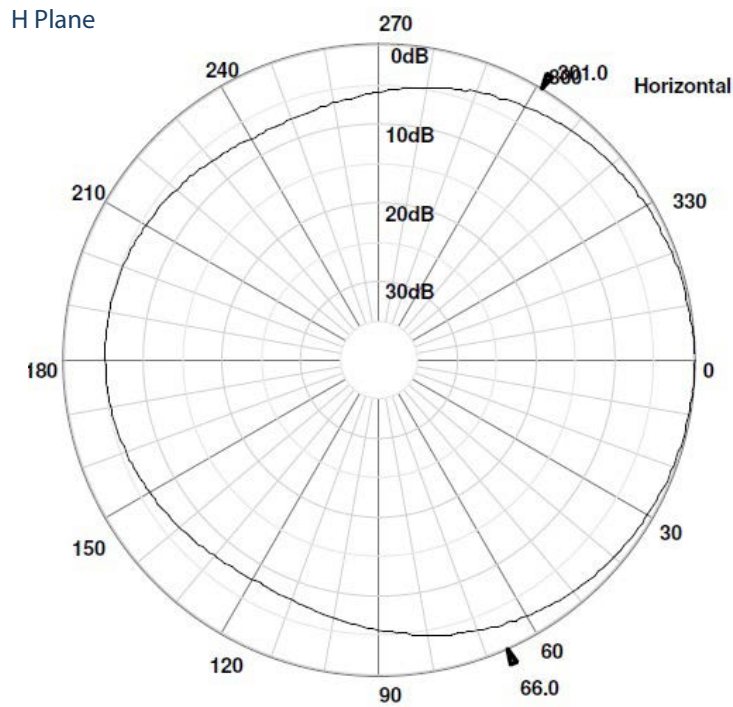




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Suitable feeder coaxial cable and connectors



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

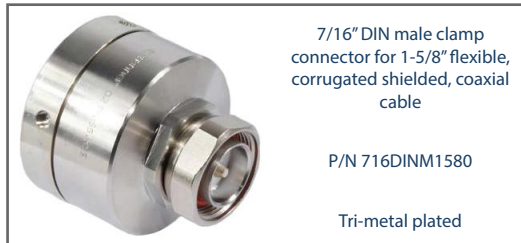
Tri-metal plated



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

P/N 78EIA7850

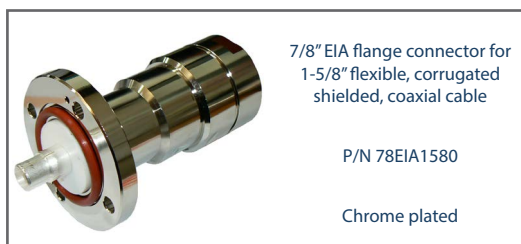
Chrome plated



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

P/N 78EIA1580

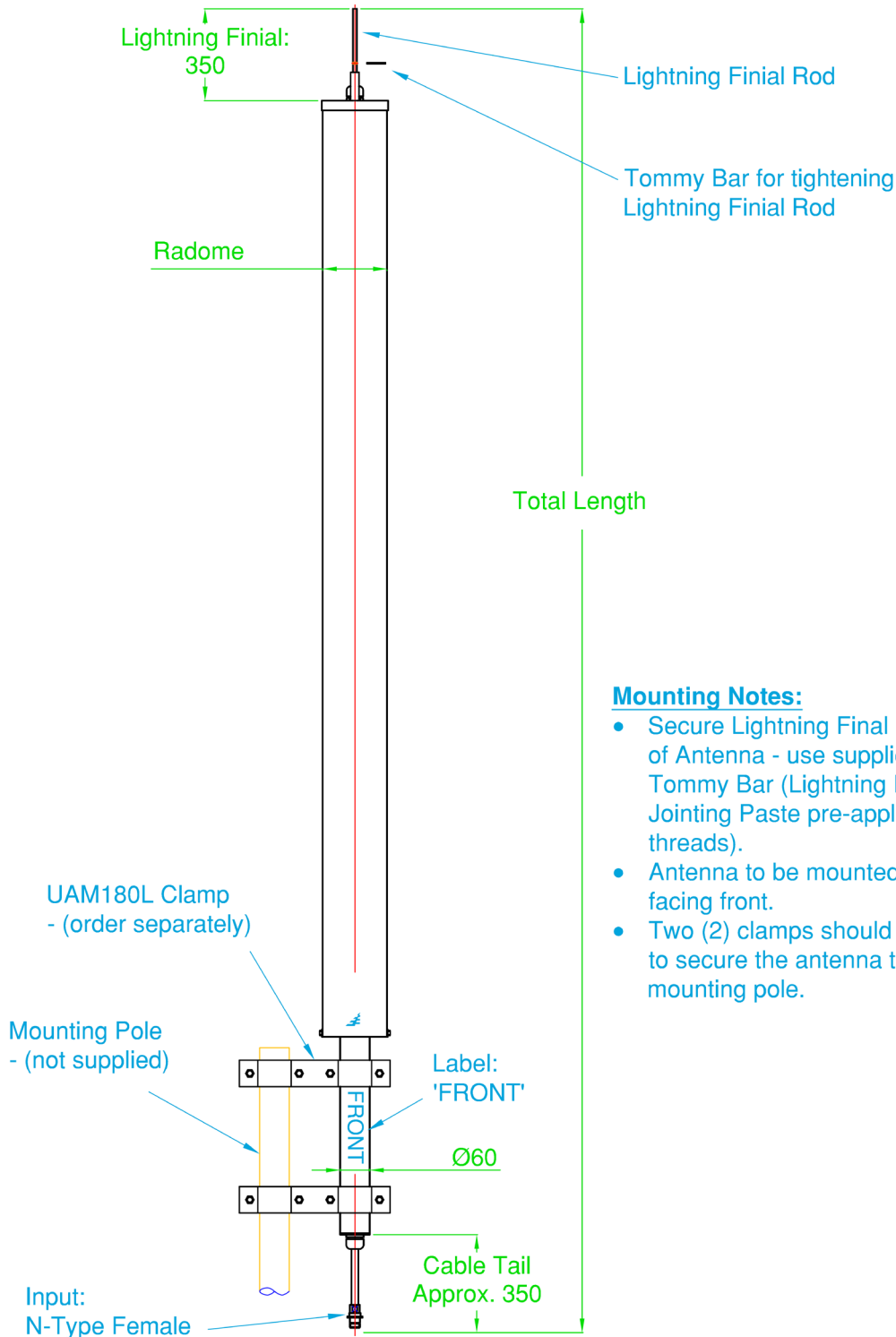
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### Mounting Notes:

- Secure Lightning Final Rod to top of Antenna - use supplied Tommy Bar (Lightning Finial 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.