

CL3642

Mast mount coaxial dipoles VHF 35-42MHz

Manufactured to full commercial standard, these omnidirectional fixed position coaxial dipoles have a customer specified 1% bandwidth within the VHF frequency range 35-42MHz.

The CL3642R is an even more robust model with a thicker “**ruggedised**” radome and larger stainless steel mount tube, purpose built to survive the most extreme weather conditions.

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

Specifications	CL3642	CL3642R
Construction	White fibreglass radome and 304 stainless steel mount section	White ruggedised fibreglass radome and 304 stainless steel mount section
Frequency range	VHF 35-42MHz	
Maximum bandwidth	Specify 1% bandwidth or transmit and receive - on order	
Return loss, VSWR	<1.5:1 across specified bandwidth	
Tuning	Factory	Factory
Gain	0 dBd	0 dBd
Maximum power	50 Watts	50 Watts
Impedance - nominal	50 Ohms	50 Ohms
DC grounding	Yes	Yes
Polarisation	Vertical	Vertical
H Plane	360° omni-directional, ± 0.5dB	
Cable tail	1.0 metre RG213 - bottom exits from mount section	
Connector	N-type female fitted to cable tail - or specify requirements	
Height	5.0 metres	5.0 metres
Weight	4.0kg	6.5kg
Projected area	0.142m ²	0.190m ²
Wind load at 160kph	19.5kg	24.1kg
Mount tube	500mm x 32mm	600mm x 48mm
Mounting hardware (order separate)	2 x UAM180L parallel 2 x UAM90L right-angle 2 x NSM-CL3642	2 x UAM180L parallel 2 x UAM90L right-angle

