



L3HARRIS™
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C66 SERIES

UHF DIPOLE ANTENNA

The C66 Series antennas were designed to provide omnidirectional radiation patterns for ultra-high frequency (UHF) communication functions.

The radiating structure of the C66 series is a sleeve dipole and, therefore, requires no ground plane. In addition, the C66 Series antennas are fabricated from low-loss materials, providing maximum efficiency and greatly increasing power handling.

Several versions of the C66 are available depending on mounting requirements and connector choice.

ELECTRICAL			
Frequency range	225 – 400 MHz		
VSWR	2.0:1 max		
Gain	+2 dBi typical		
Polarization	Vertical, linear		
Elevation beam width	Similar to free-space dipole		
Azimuth beam width	Omnidirectional		
Power handling	1 kW max		
MECHANICAL			
	C66-1	C66-2	C66-4
Connector	Type HN	Type N	Type N
Weight	8 lbs typical	8 lbs typical	8.5 lbs typical
Size	28" x 2.44"	28" x 2.44"	28.25" x 6.5"
Mounting	Clamp	Clamp	Flange



KEY FEATURES

- > Gain peak centered at the horizon
- > Omnidirectional in azimuth
- > Extremely rugged construction
- > High-power capable

For further details and specifications, contact the factory at antenna.info@L3Harris.com

C66 Series UHF Dipole Antenna

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Nonexport-controlled Information

L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.



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1025 W. NASA Boulevard
Melbourne, FL 32919