

5.5 Metre VHF/UHF Multiple Dipole Antenna 115-175 MHz & 225-400 MHz

Type D7061-L

Racal Antennas Limited has many years of experience in design, development and manufacture of shipboard/marine antennas for the military user. They have been developed after consultation with military users and radio manufacturers worldwide.

The Multidipol Multiple Collinear Array concept has been specifically developed for ground-air-ground, air traffic control, and associated land or sea based communication applications. This omnidirectional concept employs a unique method of shielding the feed cables to improve the radiation pattern characteristic. The Multidipol also has a high degree of isolation between discrete elements within a closed space array.

Electrical Specification	
Frequency Range	3 x 115-175 MHz & 3 x 225-400 MHz
Gain	1.5 dBic
Polarisation	Vertical
Vertical Beamwidth	75°
Horizontal Radiation Pattern	Omni-directional
Isolation Between Ports	>20dB
Power Rating	250 Watt VHF, 150 Watt UHF
Impedance	50 Ω
VSWR	<2.5:1
Connector	6 x N type female
Mechanical Specification	
Length	5.49 m
Diameter	115mm
Diameter, base	330mm
Weight	39 kg
Environmental	Built to military standards. Temperature, barometric pressure and humidity to MIL-STD.210 & 210A. Rain, salt-fog, sand, dust and fungus to MIL-STD.810A & B



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