

4017 Automatic tuning horizontal dipole General Specifications

Electrical	
Frequency Range	2 – 30MHz continuous
Input Impedance	50 ohms
Power Rating	150W PEP
Connector	Connection to tuner RF terminal and Ground terminal via 2 x M8 studs (with HV and heavy-duty braid cabling connection via M8 cable lugs)
Polarisation	Horizontal
Radiation Pattern	Omni-Directional in horizontal and vertical planes
DC input requirements	+13.8 V DC (Derived from 2000 or 4000 series transceiver via integral RF control cable)
Power consumption	Tuned Typically 400mA Tuning <800mA
Selcall System	Based on CCIR 493-4, 4 and 6 digit systems
Tuning time	First tune – Less than 1 seconds – typical From memory – Less than 130 mS – typical Memory addresses unlimited
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Mechanical	
Mounting Height	Recommended between 6m to 10m
Element Lengths	Each element 3m assembled, 1.5m disassembled
Assembled Length	5.7m tip to tip
Assembled Width	2.2m tip to tip
Assembled Height	220mm, from bottom of mounting hub flange to element tips
Weight	5.7 Kg
Mounting	NATO 6 or 3 hole pattern / USA 4 hole pattern
Colour	Whip Elements Black, Base Black
Environmental	
Wind	160 km/hr
Temperature	-40°C to +85°C Storage, -30°C to +60°C operational
Humidity	0% to 97% RH (relative humidity)
Ingress Protection	To IP67 (dust and water)
RoHS2	Complies with Directive 2011/65/EU

Specifications are typical. Equipment descriptions and specifications are subject to change without notice or obligation.