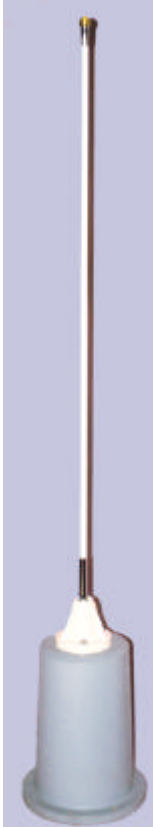


HIGH PERFORMANCE ACTIVE ANTENNA



Selective Receiving Antenna

High dynamic range

Covering 100 KHz trough 30MHz

**Over the Coax power and
control**

Control unit universal interface

EMC Protected

Rugged Marine Design

Optional Preselector



SPECIFICATIONS

High Performance Indoor Preselector and Controller unit

Model	Type 4050
Frequency range:	100 KHz to 30 MHz
Selectivity 100 KHz to 1.5 MHz:	Low pass filter -3dB @1.6 MHz, -40dB @5MHz
Selectivity 1.5 MHz to 10 MHz:	±10% of tune < -35 dB ± 5% of tune < -20 dB
Selectivity 10 MHz to 30 MHz:	±10% of tune < -30 dB ± 5% of tune < -15 dB
Gain 0.1 – 1.5 MHz, Preamp. in:	+5 -+8dB
Preamp. out:	0 - -3dB
Gain 1.5 – 30 MHz, Preamp. in:	0 -+3dB
Preamp. out:	0 - -8dB
Noise figure Preamp. @ 10MHz:	<10dB
1dB output compression:	+25dBm (Preamp. in)
Tuning:	µProcessor control
Tuning mode:	Silent, table lookup
Tuning speed:	<5mSec.
Interface to receiver	BCD coded frequency sequence
Tuning control for Outdoor unit	Serial data via coax
Burnout protection:	10 Volt pp diode clamp
Lightning protection:	90Volt
SWR in 50 Ω:	<2:1
SWR out 50 Ω:	<2:1
Connector:	"N" female
Power supply:	115/230Vac @ max 100VA
Outdoor unit supply:	+26Volt DC 1A via coax cable
Colour	Silver/Aludine
Mechanical:	1Unit 19" Rack 425X400mm
Weight	5 kgram
Temperature	-Operating -30 to +85°C -Storage -40 to +85°C
EMC	Complies with directive 89/336EEC and amendment 92/31EEC
Standards	Emissions: EN55011 Immunity: EN 50082-1

21.10.2004

Comm-connect reserve the rights to amend prices and specifications without prior notice.

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