

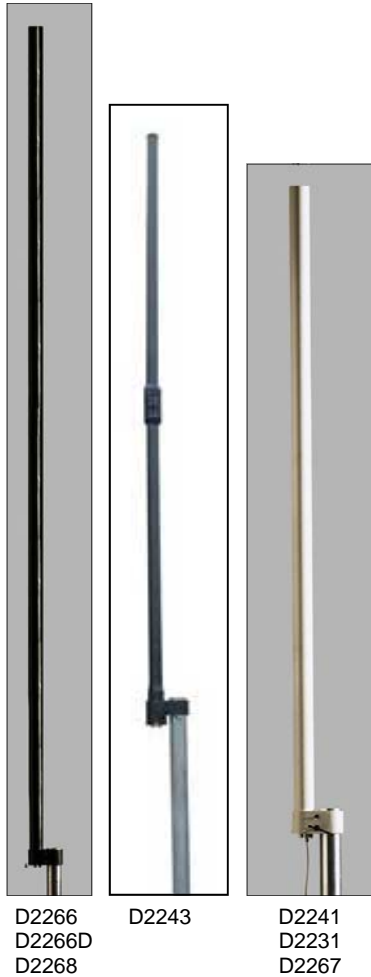
## NEW MULTIPOL ANTENNAS

The MUDLIPOL™ Multiple Dipole Collinear Array concept was specifically designed for ground-to-air, terrestrial and vehicular communications applications.

The TACO MULTIPOL™ has a high degree of isolation between elements. The design has excellent broadband half-wave dipole characteristics over the entire operating frequencies.

### FEATURES:

- Rugged lightweight construction
- Transportable
- Combinations of VHF and UHF elements
- Compact



### Environmental Specifications

- Built to Military Standards
- Rain, salt-fog, sand, dust and fungus to MIL STD 810A & B
- Temperature, barometric pressure and humidity to MIL STD 210 A & B

### Electrical Specifications

- Isolation minimum 30 dB
- Polarization Vertical
- Omni Directional  $\pm 1.0$  dB
- VSWR 2:1 (Max)
- Terminals N Female
- Impedance 50 Ohm
- Applied Power 100 Watts
- Vertical Beam Deviation  $\pm 10^\circ$

## Specifications

MODEL	VHF 100-174 MHz	VHF 108-174 MHz	VHF 138-174 MHz	UHF 225 - 400 MHz	UHF 400-470 MHz	GAIN dBic	# of OUTPUTS	HPBW DEGREE	MOUNTING DIAMETER (INCHES)	LENGTH INCHES	LENGTH CM	WEIGHT LBS.	WEIGHT KG	COLOR	WIND LOAD 0.5" ICE SQ FT
<b>D2231</b>					<b>XXXX</b>	1.0	4	75	3.0	120*	300*	14.0*	6.36*	WHITE	1.81
<b>D2241</b>	X			X		1.0	2	75	3.0	106	269.25	14.0	6.36	WHITE	1.6
<b>D2243</b>			X	X	X	1.0	2	75	3.0	140	350.0	16.3	7.41	2-PIECE GREEN	2.11
<b>D2266</b>				<b>XXX XXX</b>		7.5	1	13	3.0	200	508.0	32.0	14.5	GREEN	2.6
<b>D2266D</b>				<b>XXX XXX</b>		5.5	2	25	3.0	200	508.0	32.0	14.5	GREEN	2.6
<b>D2267</b>				<b>XXX</b>		5.5	1	25	3.0	112*	280.0*	13.1*	5.95*	GREEN	1.69
<b>D2268</b>	<b>XXX</b>					5.5	1	25	3.0	200*	508.0*	23.3*	10.59*	GREEN	3.01

X - Denotes active elements

\* - Estimated values

Other colors available upon request.

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