

HF Traveling Wave Dipole Antenna Codan TWD215/315/525

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The HF Traveling Wave Dipole Antenna is efficient for short to medium distance communications. Its radiation patterns are generally omnidirectional, resulting in a consistent coverage over the frequency range. Designed in three models to cover the HF spectrum, this antenna is rated to 1kW (PEP) voice and data.



This antenna requires a substantial cleared area at ground level for installation, and is more suitable for permanent fixed site installations.

- ✓ Antenna Traveling Wave Dipole TWD215 - 2-15 MHz (1 kW PEP)
- ✓ Antenna Traveling Wave Dipole TWD315 - 3-15 MHz (1 kW PEP)
- ✓ Antenna Traveling Wave Dipole TWD525 - 5–25 MHz (1 kW PEP)

Includes: pulleys, halyards and installation hardware.

Technical specifications

	TWD215	TWD315	TWD525
Frequency Range	2 - 15 MHz	3 - 15 MHz	5 - 25 MHz
VSWR (maximum)	2.0:1 (up to 10 MHz) 2.6:1 (10 - 15 MHz)	2.0:1	2.0:1
Input impedance	50 Ohms (nominal)		

Input Power	1 kW (PEP), 250 W (average)		
Connector Type of Balun	UHF		
Recommended height of support	18 m	12 m	7 m
Minimum distance between supports	53 m	37 m	29 m
Wind load	5.1 m	4.3 m	3.5 m
AT Communication © Radiating Conductor Material	Tinned cooper wire		
Insulators	Solid glass-glazed porcelain		
Bracing	Aluminium		
Weight (antenna only)	14	14	14

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