

Horizontal, motor-tunable Dipoles and multi-band dipoles with symmetric feeding

World-new development by TITANEX®

TMD 80 - TMD 40 - TMD 8040 - TMD 4030 - Motor-tunable, high power Dipoles

- Motor-tunable, high power Dipoles
- Best VSWR adjustable on each frequency



World-wide only motor-tunable dipole with air coil of highest grade and Teflon box

- VSWR adjustable to 1:1 within seconds on the band
- Tuning with the supplied control box
- No rotatable coil or sliding contacts and thus no conventional wear and tear
- High RF power handling
- Highest coil grade
- Extreme durability
- In rest position the antenna is short-cut so that the influence of the higher bands is eliminated

	TMD 80	TMD 8040	TMD 40	TMD 4030
Bands:	80 m	80 m / 40 m	40 m	40 m / 30 m
Max. element length:	14.90 m	14.90 m	9.30 m	9.30 m
Turning radius:	7.95 m	7.95 m	4.65 m	4.65 m
Wind load at 120 km/h:	300 N	300 N	150 N	150 N
Weight:	11 kg	12 kg	6 kg	7 kg
Feeding:	1 coax cable 50 Ohm			
Power handling:	3 kW	3 kW	3 kW	3 kW

VSWR:	1.0 : 1 adjustable 3.5 - 4 MHz	1.0 : 1 adjustable 3.5 - 4 MHz 7.0 - 7.2 MHz	1.0 : 1 adjustable 7.0 - 7.3 MHz	1.0 : 1 adjustable 7.0 - 7.3 MHz 10 MHz: better typ. 1.5:1
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- Delivery includes control box
- Highest mechanical stability through TITANEX tubing, casted aluminum connectors and stainless steel fixings
- Simple and uncomplicated assembly

TD 5 - 5 Band Rotary Dipole, coax-fed

- Rotary Dipole TD 5 in the new **"MOS" (Multiresonant-Open-Sleeve)** 50 Ohm Technique



- New, by TITANEX developed radiator system **"MOS" (Multiresonant-Open-Sleeve)** for 5 bands
- WARC-Bands electrically switchable
- 20m, 17m, 15m, 12m, 10m fed with only one coax cable
- Additional gain through Open-Sleeve-Technique (full radiator length effective)
- Fits on every house roof
- Easily erectable even at difficult circumstances
- Through construction of 2 x TD, shifted by 90 degrees: ideal all-direction antenna

Bands:	20m	17m	15m	12m	10m
Gain (dBd):	0	0.4	1.0	1.4	2
Power handling:	5 kW				
Weight:	7kg (15.5lb.)				
Turning radius:	5.5m (18 ft.)				
Number of elements:	3				

Max. element length:	10.9 m (35.7 ft.)
Wind load at 120km/h:	200 N
VSWR:	typically 1.5:1 or better on all bands
Feeding:	One coax cable, 50 Ohm

Horizontal Multiband Dipoles HD

HD-Dipoles are horizontal wire dipoles, covering 7, 8 or 9 bands depending on type and wire length. They are symmetrically fed via the TITANEX® **TWINCOM** feed line.



Model	Length	Bands
HD 7-13	2 x 6.5m	40m - 10m
HD 8-20	2 x 10m	80m - 10m
HD 8-30	2 x 15m	80m - 10m
HD 9-40	2 x 20m	160m - 10m
HD 9-60	2 x 30m	160m - 10m
HD 9-80	2 x 40m	160m - 10m

- Center insulator for mast mounting (up to 68mm) or free-hanging
- 25m TWINCOM cable (250Ohm) included
- Additional wire lengths deliverable on request
- Power handling: 3kW PEP
- Symmetric tuner not included
- Wire: TITANEX TW85

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