

Mosley PRO-96:

10-12-15-17-20-40 Meter 9 Element Beam 6-Band Beam

The best of the PRO series!

The PRO-96 is as good as 6 mono band antennas, wrapped in one beam. The PRO-96 has wide spaced elements for 10 to 20m and three narrow spaced elements for 40m. This beam is intended for installation on telescopic towers.

Der PRO-96 withstands wind speeds up to 125km/h, with 6mm ice thickness up to 105km/h. For exceptionally hard environments the PRO-96 is available with a 75mm boom, which then withstands wind speeds of up to 160km/h, with 6mm ice up to 125km/h.

The PRO-96 offers 6 active elements for 10m, 4 active elements for 12m, 4 active elements for 15m, 4 active elements for 17m, 4 active elements for 20m and 3 active elements for 40m

Technical Data:		
Gain	10 Meter	10,5 dBD
	12 Meter	8,9 dBD
	15 Meter	9,1 dBD
	17 Meter	9,1 dBD
	20 Meter	9,5 dBD
	40 Meter	7,8 dBD
Front/Back ratio	10 Meter	20 dB
	12 Meter	19 dB
	15 Meter	20 dB
	17 Meter	19 dB
	20 Meter	20 dB
	40 Meter	18 dB
Max. power	CW	2,5 kW
	SSB	5,0 kW
	RTTY	600 W
SWR		1:1 to 1,6:1
Boom length		11,0 m
Rotating radius		7,6 m
Mast diameter		50 bis 75 mm
Max. element length		13,3 m
Weight (50mm Ø boom)		74,3 kg
Weight (75mm Ø boom)		83,3 kg
Antenna surface		2,05 m ²
Wind losd (at 125km/h):		2200 N
Shipping weight (50mm Ø boom)		81,0 kg
Shipping weight (75mm Ø boom)		90,0 kg

