

SMC

DTH antenna

90

SMC

The 90 cm antenna has optimal dimension stability, durability, high gain and efficiency. Its performance is not altered in harsh weather conditions and is insensitive to UV radiation and air pollution.



DESIGNATIONS

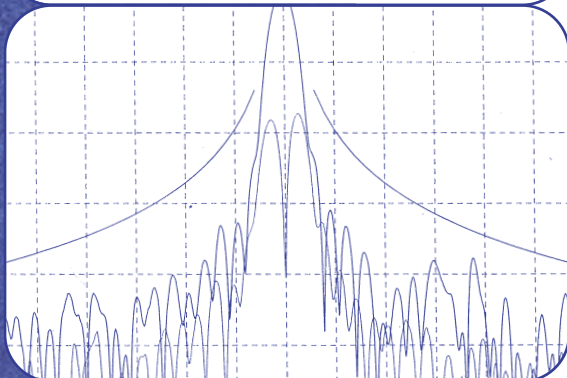
90 cm dish with
SMC back mount
0.140.409

90 cm dish with
STEEL back mount
0.140.553

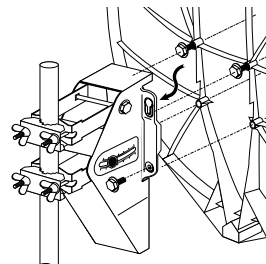
90 cm dish Bulk version
0.140.320

Technical characteristics

Antenna width	90 cm
Antenna height	103 cm
Dish	SMC
Arm	Aluminium
Az / E1 Mount	SMC or Steel
F/D ratio	0,5
Beam width (-3 dB max)	2° at 11,325 GHz
Efficiency	70%
Gain (dB) at 11,33 GHz	38,3
Gain (dB) at 12,63 GHz	39,4
Figure of merit (dBK, LNB 1,0 dB) at 11,33	16,9
Figure of merit (dBK, LNB 1,0 dB) at 12,63	18,1
Mounting on tube	∅ 50 to 60 mm
Elevation	5° - 55°
Azimet	0° - 360°
Weight	9 Kg
Frequency range	10,70 - 12,75 GHz



Radiation pattern at 11,33 GHz ± 30°

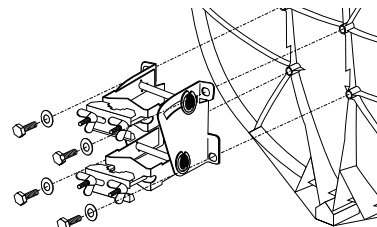


SMC Az/EI back mount
pre-assembled



Quattro universal LNB

Perfect combination
for SMATV reception



Steel Az/EI back mount



Variable double 6° support

All Visiosat multireception
supports are available for
the 90 cm antenna.



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