

Satellite dishes

120 TT STANDARD 120 TT PREMU



RoHS



- **Dishes dedicated to collective antenna installations**
- 0.8 mm galvanised painted steel
- 6-point (PREMU) or 4-point (STANDARD) connection of the dish with the holder
- Fastening with glass fibre reinforced copolymer
- Colours: white, graphite, blue
- Mast diameter: 40-60mm
- Half-power beam width 2.6 degree
- Additional brackets for the LNB holder
- Dedicated ZEZ holder
- Dedicated mounting bracket for concrete walls: EMBRACE 1
- Meets the wind resistance standard IEC1114-2

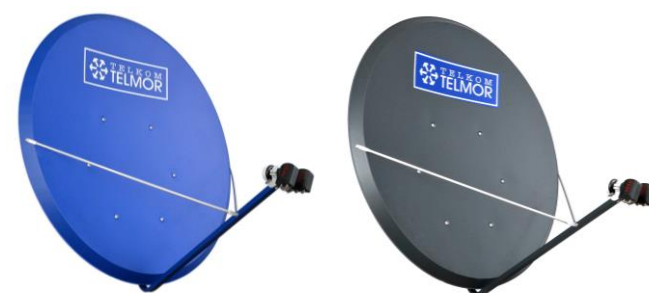
120 TT STANDARD and 120 TT PREMU are professional satellite dishes dedicated to the construction of aerial collective installations in multi-family buildings and wherever high level and good signal quality at the system input are necessary.

120 TT STANDARD and PREMU dishes are made of 0.8mm thick sheet metal and have a 3-point support for converter holder. With these solutions it is possible to obtain an extremely stable reception system. Both antennas allow for perfect reception even at wind speed up to 77km/h.

In comparison to the STANDARD version, the 120 PR PREMU dish has three-element clamps for mounting to the antenna mast. The dish is mounted to the mast with 6 screws which further increases the stiffness of the receiving system.

Both antennas offer a very low half-power beam width (2.6 degrees), which can be very important for obtaining correct signals from the 13E satellite, due to its close proximity to the 10E satellite.

120 TT STANDARD and PREMU dishes are available in white, graphite and blue colours.



The dishes can be packed in a dedicated shipping cardboard box. A maximum of 2 dishes can be packed in one cardboard box.

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TECHNICAL DATA

Name/parameters		120 TT STANDARD	120 TT PREMU
Type	/	Offset	
Offset angle	°	22	
Frequency range	GHz	10.70 – 12.75	
Gain	dBi	40.8 @10.7 GHz 41.5 @11.7 GHz 42.0 @12.7 GHz	
Reflector dimension	mm	1100 x 1200	
Focal distance	mm	710	
F/D factor	/	0.64	
Efficiency	%	>70	
Reflector material	/	galvanised steel	
Reflector thickness	mm	0.8	
Bracket/mounting to dish	/	steel/four-point	steel/six-point
Elevation angle adjustment range	°	10-90	5-55
Azimuth angle range	°	360	
Mast diameter	mm	50-60	
Half-power beam horizontally (-3db)	°	2.5 for 12.75 GHz	
Half-power beam vertically (-3dB)	°	2.6 for 12.75 GHz	
Wind resistance:			
- admissible wind force	km/h	77	
- max wind force		144	
- damaging wind force		216	
Colours	/	white, graphite, blue	
Net weight	kg	13.2	
Package	/	cardboard box	



120 TT STANDARD



120 TT PREMU

The specifications are subject to change without prior notice.

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