

Offset Antenna

FESAT 150

light grey



Description

- Designed for demanding customers and for geographic areas at the limit of satellite coverage
 - For centralized systems
 - Dish aluminium, zinc plating mount painted in the same color as dish
 - Feed arm with side reinforcement
 - LNB holder zinc-plated steel in the same color as dish
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- **Optional:**
 - Multifeed system DFH 1502 - double, for 3° or 6° degree
 - DFH 1503 - triple, various configurations possible



Technical Data

Type		FESAT 150	
Complementary Product			
Dish	m	nominal 1.5 m, offset	
Outside dimension	cm	155.0 x 166.0	
Illumination efficiency	(%)	70	
Frequency range	GHz	10.0 – 13.0	
Gain @ 10,95 GHz)	dB ¹⁾	43,3	
Beam width @ 3 dB	deg ¹⁾	1.1	
Cross polarization on axis	dB ¹⁾	> 30	
First side lobe	dB ¹⁾	26	
Offset pointing angle	deg	21.3	
F/D ratio		0.66	
Noise temperature @ 30 deg elevation	K ¹⁾	33	
Mast clamp Ø	mm	55-100,	
Elevation / Azimuth angle range	deg	0-90° / 0- 360 °	
Wind load at 120 km/h	kgs	235	
Weight	kgs	approx. 26 kgs net	
Packing dimension	Dish	L 173 cm, B 166 cm, H 18 cm, weight 20,50 kg	
	AZ/EL	L 50 cm, B 50 cm, H 25 cm, weight 9,35 kg	
Operating temperature		-30°C / + 70°C	

¹⁾ matched feed

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