

FESAT series

Type	FESAT 85 K	FESAT 95 K	FESAT 120 K
Order No.	913 054-001	913 978-001	913 968-001



- For fixed alignment to a satellite in the 10.7-12.75 GHz band
- Aluminum reflector
- Elevation adjustment scale
- Sturdy mounting
- Corrosion-proof parts
- Cable duct in feed arm and rear section
- Pre-assembled, fold-out feed arm
- Mast mounting, rear section and arm pre-assembled and folded up for easy assembly. No loose parts

¹⁾ Wind load calculated in accordance with EN 50083 Part 1 with $q = 800 \text{ N/m}^2$ (Mounting height up to 20 m)

FESAT 85 K/ FESAT 95 K

- "Click-in" system rail for fastening one or two Hit CS series receiving systems + system mounting at 6° spacing

FESAT 120 K

- "Click-in" system rail for fastening 3 Hit CS series receiving systems + CAS 4000 N at 3° and 6° spacing
- Supplied in two boxes

Various reflector colours			
Slate grey		913 978-011	
Light grey	913 054-001	913 978-001	913 968-001
Brick red		913 978-023	
Product Data			
Reflector Ø	85 cm	95 cm	120 cm
Frequency range	10.7-12.75 GHz	10.7-12.75 GHz	10.7-12.75 GHz
Gain at 10,95 GHz	38.3 dBi	39.7 dBi	41.5 dBi
Half-value aperture 3 dB	2,1°	1,78°	1,37°
Offset angle	21,1°	21°	21,3°
Noise temp. at 30° elevation	40 K	38 K	36 K
G/T	22.3 dB/K	23.9 dB/K	25.9 dB/K
Mount for Mast			
Diameter	40 -89 mm	40 -89 mm	60 -89 mm
Adjustment range, elevation	15°-40°	15°-40°	5°-45°
Wind load	600 N ¹⁾	800 N ¹⁾	1270 N ¹⁾
Width/height	82.5 / 87.5 mm	94.5 / 101.5 mm	124.5 / 133.5 mm
Operating conditions			
Weight	11 kg	13 kg	21 kg
Can be combined with	- All Hit CS receiving systems... (With CAS 4000 N "click-in" system mounting) - For wall mounts and support see "Mechanical accessories"	- All Hit CS receiving systems... (With CAS 4000 N "click-in" system mounting) - For wall mounts and support see "Mechanical accessories"	- All Hit CS receiving systems... (With CAS 4000 N "click-in" system mounting) - For wall mounts and support see "Mechanical accessories"
Packing			
Reflector	111x97x19 cm	113x107x15 cm	141x132x9 cm
Scope of delivery	- Reflector - Supporting arm with adapter plate for 1 or 2 LNBS - El/Az mast mounting with CAS 4000 N system mounting	- Reflector - Supporting arm with adapter plate for 1 or 2 LNBS - El/Az mast mounting with CAS 4000 N system mounting	- Reflector - Supporting arm with adapter plate for 1 or 2 LNBS - El/Az mast mounting with CAS 4000 N system mounting