

## Offset parabolic antennas



### Offset parabolic antennas

**CAS 06**                      20010005  
**CAS 60**                      20010006

- Antennas incl. reflector, feed system support and mast clamp
- Multifeed-reception due to feed system support to carry two universal feed systems to receive the digital signals of ASTRA (19° East) and EUTELSAT/HOTBIRD (13° East) or of two satellites 9° apart
- Reflector made of aluminium, powder coated
- Feed system support made of galvanised sheet steel, plastics coated
- Clamping piece made of sheet steel, hot-dip galvanised
- Optimal electrical data in lowest mechanical dimensions due to offset-feed
- Available in graphite-grey and white
- TÜV certified



CAS 60  
with UAS 484

**Note:**  
Multifeed-reception in combination with CAS 06 and CAS 60 only with digital signals.

Type		CAS 06	CAS 60
Order no.		20010005	20010006
Diameter	cm	57	57
Colour		White (similar to RAL 9002)	Graphite-grey (similar to RAL 7012)
Reception range	GHz	10.70-12.75	
Antenna gain at 10.70-11.70 GHz/11.70-12.50 GHz/12.50-12.75 GHz	dBi	34.9/35.5/35.9	
Half-power beam width <sup>1)</sup>	°	< 2.8	
System figure of merit <sup>2)</sup> feed system in centre; UAS 177/272/485	dB/K	14.4/15.3	
System figure of merit <sup>2)</sup> feed system in centre; UAS 481/484	dB/K	13.8/14.7	
System figure of merit <sup>2)</sup> feed system distance 6°; UAS 177/272/485	dB/K	14.0/14.9	
System figure of merit <sup>2)</sup> feed system distance 6°; UAS 481/484	dB/K	13.4/14.3	
System figure of merit <sup>2)</sup> feed system distance 9°; UAS 177/272/485	dB/K	13.3/14.0	
System figure of merit <sup>2)</sup> feed system distance 9°; UAS 481/484	dB/K	12.7/13.4	
Cross-polarisation decoupling	dB	> 27	
Wind load <sup>3)</sup>	N	300	
Max. allowable wind speed	km/h	157	
Mast clamp range	mm	38-60	
Setting range Elevation/Azimuth	°	5-45/360	
Dimensions (width x height max. x protrusion max. from mast centre without feed system)	mm	599 x 759 x 528	
Packing unit dimensions	mm	800 x 655 x 200	
Approx. weight net/gross	kg	4.8/5.6	

<sup>1)</sup> At mid-band

<sup>2)</sup> G/T at 11.3/12.5 GHz

<sup>3)</sup> At a dynamic pressure of 800 N/m<sup>2</sup> acc. to EN 60728-11 (see page 50, 'Wind load indications')