



### CAS 80

SAT antenna  $\varnothing$  75 cm



- 10 years warranty corrosion resistant according to KATHREIN warranty conditions.
- Consisting of reflector, feed system mount and pole mount
- Reflector in proven aluminum design, powder coated
- Feed system holder made of galvanized sheet steel, powder coated
- Mast mounting made of sheet steel, hot-dip galvanized
- Optimum electrical data with minimum mechanical dimensions thanks to offset feed and swiveling multifeed adapter plate for positioning the feed systems in the secondary focal points typical of multifeed reception
- Two universal feed systems for reception of satellites  $3^{\circ}$  to  $4^{\circ}$  (e.g. ASTRA  $19.2^{\circ}/23.5^{\circ}$ ) or  $6^{\circ}$  (e.g. ASTRA/EUTELSAT-HOTBIRD) apart can be attached to the support arm without additional components.
- For other combinations, the ZAS 90 multifeed adapter plate is additionally required
- Snap-on cable holder for up to eight coaxial cables made of weather-resistant plastic
- All fasteners (screws, rivets, washers, M8 threaded brackets) are made of corrosion-resistant stainless steel or die-cast zinc
- High mounting comfort: completely pre-assembled, reflector with keyhole fastening, large wing nuts with attachment surface for open-end wrench SW 13, elevation scale on both sides, minimal dimensions of the support arm due to folding joint
- Patented swivel option of the multifeed adapter plate in stable, corrosion-resistant aluminum technology
- Interchangeable multifeed adapter plate included in delivery

Status 08/2023

### Technische Daten / Technical Data:

Type:	CAS 80
Diameter:	75 cm
Reception Area:	10.70 – 12.75 GHz
Antenna gain at 10.70 – 11.70 GHz   11.70 – 12.50 GHz   12.50 – 12.75 GHz:	36.8 dBi   37.3 dBi   37.7 dBi
System quality <sup>2)</sup> Feed system centered; UAS 571/572/584/585:	16.9 dB/K   17.9 dB/K
System quality <sup>2)</sup> Feed system distance 3° – 4°; UAS 571/572/584/585:	16.6 dB/K   17.4 dB/K
System quality <sup>2)</sup> Feed system distance 6°; UAS 571/572/584/585:	16.3 dB/K   17.1 dB/K
Cross-polarization decoupling:	Type. > 26 dB
Wind load <sup>3)</sup> :	450 N
Max. permissible wind speed:	190 km/h
Adjustment range Elevation   Azimuth:	Foremast mounting 5 – 48 °/360°   Wall bracket mounting 90 °/360 °
Adjustment range Multifeed adapter plate:	± 15 °
Half-width <sup>1)</sup> :	Type. < 2,2 °
Clamping range of the pole clamp:	38 – 90 mm
Weight approx. net   gross:	6.7 kg   8.0 kg
Dimensions height max:	884 mm
Dimensions delivery max. (from the center of the mast without feeding system):	830 mm
Dimensions width:	750 mm
Packing dimensions:	1100 x 800 x 180 mm

<sup>1)</sup> At belt center

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

<sup>3)</sup> At a dynamic pressure of 800 N/m<sup>2</sup> according to EN 60728-11

### Downloads

- [CAS 80 - Produktdatenblatt \(Version: 01/2023 - Größe: 63.19 KB\)](#)
- [CAS 80 - User Manual \(Version: 1 - Größe: 2.62 MB\)](#)
- [CAS 80 - Bedienungsanleitung \(Version: 1 - Größe: 2.48 MB\)](#)



### Produkt Galerie:

