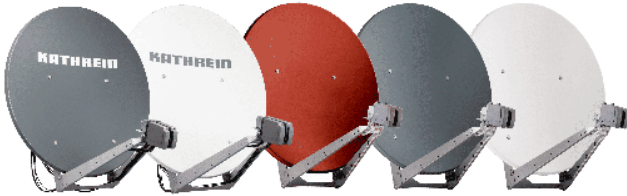


### CAS 120

SAT antenna  $\varnothing$  120 cm



- Consisting of reflector and feeding system holder
- Interchangeable multifeed adapter plate included in delivery
- Reflector in proven aluminum design, powder coated
- 10 year warranty corrosion resistant according to KATHREIN warranty conditions.
- Feed system mounting and mirror rear structure made of galvanized sheet steel, powder coated
- Patented swivel option of the multifeed adapter plate in stable, corrosion-resistant cast aluminum technology
- Snap-on cable holder for up to eight coaxial cables made of weather-resistant plastic
- 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 3° to 4° (e.g. ASTRA 19.2°/23.5°) or 6° apart satellites can be attached to the support arm without additional components.
- With 6° satellite spacing, a feed system can also be mounted centrally (three satellites with 3° spacing each)
- Additionally required for mounting: ZAS 120 azimuth/elevation bracket

Status 08/2023

### Technische Daten / Technical Data:

Type:	CAS 120/W
Order no:	20010008
Diameter:	120 cm
Color:	White (similar to RAL 9002)
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:	41.5 dBi   42.15 dBi   42.5 dBi
System quality <sup>2)</sup> Feed system centered; UAS 571/572/584/585:	22.0 dB/K   23.0 dB/K
System quality <sup>2)</sup> Feed system distance 3° – 4°; UAS 571/572/584/585:	21.8 dB/K   22.8 dB/K
System quality <sup>2)</sup> Feed system distance 6°; UAS 571/572/584/585:	21.5 dB/K   22.6 dB/K
Cross-polarization decoupling:	Type. > 30 dB
Wind load <sup>3)</sup> :	1296 N
Max. permissible wind speed:	157 km/h
Adjustment range Elevation   Azimuth:	5 – 50 °   360 °
Half-width <sup>1)</sup> :	Type. < 1,43 °
Clamping range of the pole clamp:	50 – 90 mm
Weight approx. net   gross:	18.3 kg   29.0 kg
Dimensions (W x H max. x delivery max. from center of mast without feeding system):	1234 x 1570 x 1408 mm
Packing dimensions:	1330 x 1330 x 250 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 120 - Produktdatenblatt \(Version: 08/2023 - Größe: 164.00 KB\)](#)
- [CAS 120 - Bedienungsanleitung | User Manual \(Version: 1 - Größe: 2.15 MB\)](#)



### Produkt Galerie:

