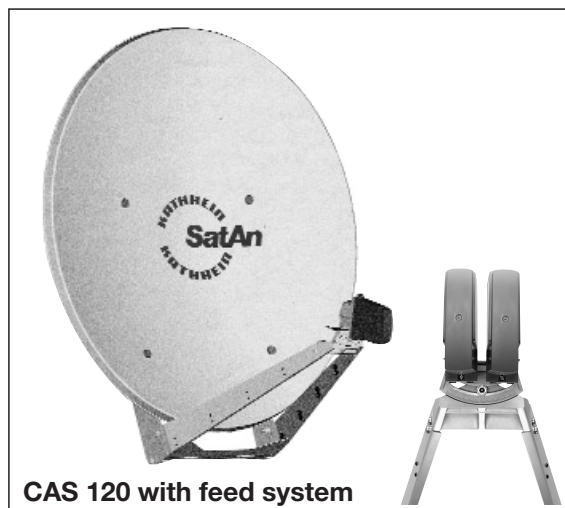


Offset Parabolic Antenna Azimuth/Elevation Support

Offset parabolic antenna

- Consists of reflector and feed system support
- With swivelling multifeed support for optimum polarisation alignment. The feed systems can be optimally positioned to the side focuses, which are typical for multifeed reception
- Reflector of proven aluminium execution, powder-coated
- Feed system support and rear part of reflector are made of hot-dipped galvanized steel, powder-coated
- Optimal electrical data achieved with the smallest mechanical dimensions and matched offset feed
- Two universal feed systems can be mounted on the support arm for the reception of satellites 3° to 4° or 6° apart without additional components
- Additionally required for mounting:
Azimuth/elevation support ZAS 120 (see below)



Type		CAS 120			
Order no.		20010008			
Ø/Colour	m	1.2/white (similar RAL 9002)			
Reception range	GHz	10.70–12.75			
Antenna gain	dBi				
at 10.70–11.70 GHz		41.50			
at 11.70–12.50 GHz		42.15			
at 12.50–12.75 GHz		42.50			
Half-power beamwidth ¹⁾	°	1.43			
System figure of merit (G/T) (at 11.3/12.5 GHz)	dB/K	With feed system	Central	Distance 3°–4°	Distance 6°
		UAS 177/272/485	21.6/22.6	21.4/22.4	21.3/22.2
		UAS 484	20.9/21.9	20.8/21.7	20.6/21.5
Cross-polarisation decoupling	dB	> 30			
Windload ²⁾	N	1296			
Max. admissible wind velocity	km/h	157			
Mast clamp range	mm	50–90			
Adjustment range					
Elevation	°	5–50			
Azimuth	°	360			
Dimensions	mm				
Width		1234			
Height max.		1570			
Max. protrusion (from middle of mast with feed system)		1408			
Packing size	mm	1330 x 1330 x 250			
Weight ca.					
net	kg	18.3			
gross	kg	29.0			

¹⁾ At mid-band

²⁾ At a pressure of 800 N/m² according to EN 50083, Part 1 (see page 52, "Windload")

Azimuth/elevation support

ZAS 120 218672

- Suitable for the offset parabolic antenna CAS 120
- For fixed alignment of the parabolic antenna to one satellite
- Made of hot-dipped galvanized sheet steel and stainless super-refined steel; butterfly nuts zinc moulded
- Mounting the antenna in front of the mast is possible (not only on the mast top), Elevation: 5°–40°
- Mast clamp range: 50–90 mm
- Adjustment range:
 Elevation: 5–50°
 Azimuth: 360°
- With fine elevation adjustment
- Packing/Weight (pc/kg): 1/10.7

