

Order number: 20010028

Open text field 1:



- 10 year corrosion durability guarantee in accordance with KATHREIN guarantee terms
- Consists of reflector, feed system mounting and mast clamp
- Reflector in proven powder coated aluminium design
- Powder coated galvanised steel sheet feed system mounting
- Hot dip galvanised steel sheet mast clamp
- Optimum electrical specification with ultra-compact mechanical dimensions thanks to offset feed and tilting multi-feed adaptor plate for positioning the feed systems at the typical side focuses for multi-feed reception
- Colour: Red brown
- Two universal feed systems can be mounted on the carrier arm without additional components for reception of 3° to 4° (e.g. ASTRA 19.2°/23.5°) or 6° (e.g. ASTRA/EUTELSAT-HOTBIRD) offset satellites
- For other combinations, the ZAS 90 multi-feed adaptor plate is also required
- Weatherproof plastic snap-in cable holder for up to eight coaxial cables
- All connecting fittings (screws, rivets, washers, M8 threaded clips) are made of corrosion resistant stainless steel or die-cast zinc
- Convenient installation: Completely pre-installed, reflector with keyhole mounting, large wing nuts with attachment surface for size 13 open-ended spanner, elevation scale on both sides, minimum carrier arm dimensions thanks to folding joint
- Patented multi-feed adaptor tilt facility in stable, corrosion resistant die-cast aluminium
- Exchangeable multi-feed adaptor plate included



Hersteller: Kathrein

CAS 80ro

Product information "CAS 80ro"

Sat antenna 75 cm - Red brown - Powder coated aluminium reflector - Mast clamp: 38-90 mm, galvanised and coated steel - Tilting multi-feed mounting device

Type:	CAS 80ro
Order no.:	20010028
Diameter:	75 cm
Colour:	Red-brown (similar to RAL 8012)
Reception range:	10,70-12,75 GHz
Antenna gain at 10.70-11.70 GHz/11.70-12.50 GHz/12.50-12.75 GHz:	36,8/37,3/37,7 dBi
Figure of merit ²⁾ for central feed system; UAS 571/572/584/585:	16,9/17,9 dB/K
Figure of merit ²⁾ for feed system spacing 3 -4°; UAS 571/572/584/585:	16,6/17,4 dB/K
Figure of merit ²⁾ for feed system spacing 6°; UAS 571/572/584/585:	16,3/17,1 dB/K
Cross-polarisation decoupling:	Typ. > 26 dB
Wind load ³⁾ :	450 N
Max. permissible wind speed:	190 km/h
Adjustment range Elevation/Azimuth:	Mast-side mounting 5-48/360 Wall bracket mounting 90/360 °
Multi-feed adaptor plate adjustment range:	+/- 15 °
Half-power beam width ¹⁾ :	Typ. < 2,2 °
Mast clamp range:	38-90 mm
Weight approx. net/gross:	6,7/8,0 kg
Dimensions max. height:	884 mm
Dimensions protrusion max. (from mast centre without feed system):	830 mm
Dimensions width:	750 mm
Packing unit:	1100 x 800 x 180 mm

¹⁾ At mid-band

²⁾ Typical G/T at 11.3/12.5 GHz

³⁾ At a dynamic pressure of 800 N/m² in accordance with EN 60728-11