

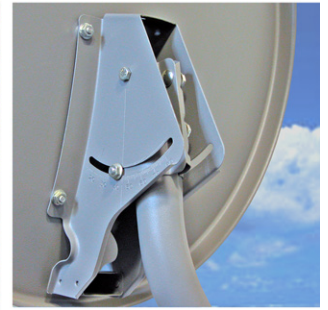
PRODUCT
SPECIFICATIONS

Detail Photos

(on right from top to bottom)

Pre-assembled Az/EI Mount
with stamped degree scale

Optional Ku DBS/DTH LNBF



60 cm Antenna System

A specially formulated powder paint process offers excellent protection from weather-related corrosion.



The ASC Signal Corporation 60 cm antenna system is designed for DBS/DTH applications where reliability and durability are essential. The offset reflector is constructed from galvanized steel to provide a rigid and accurate reflective surface.

The Az/EI mount is constructed from galvanized steel to provide the necessary support to the reflector. A specially formulated powder paint process offers excellent protection from weather related corrosion. The Az/EI mount can be attached to the included wall/roof mount or any 1.66 inch O.D. mast pipe.

- All materials comply with EU directive No. 2002/95/EC (RoHS).
- Fast and simple installation.
- One-piece precision offset galvanized steel reflector.
- Feed support arm designed for standard rectangular channel LNBFs.
- Factory assembled Az/EI mount for optimum alignment capability.
- Plated hardware for maximum corrosion resistance.
- Optional LNBF for Ku DBS/DTH applications.

SPECIFICATIONS

60 cm Antenna System

RF Performance

Effective Aperture	60 cm (23.6 in)
Operating Frequency	12.20 - 12.70 GHz
Polarization	Circular (LHCP and RHCP)
Gain	36.20 dBi @ 12.45 GHz
Antenna Noise Temperature @ 30°	36 K

(All specifications typical)

Mechanical Performance

Reflector Material	Galvanized Steel	
Antenna Optics	One-Piece Offset Feed Prime Focus	
Mount Type	Elevation Over Azimuth	
Elevation Adjustment Range	14° - 80° Continuous	
Azimuth Adjustment Range	360° Continuous	
Mast Pipe Interface	1.66 in	
Wind Loading	Operational	80 km/h (50 mi/h)
	Survival	160 km/h (100 mi/h)
Temperature	-50°C to 80°C	
Humidity	0 to 100% (Condensing)	
Atmosphere	Standard Hardware Meets 500 Hour Salt Spray Test Requirements (ASTM B-117)	
Solar Radiation	360 BTU/h/ft ²	
Shock and Vibration	As Encountered During Shipping and Handling	



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