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ValuStar™ 60 cm Galvanized Steel Antenna

ValuStar™ antennas from ASC Signal are small-diameter, high quality, receive only (RxO) antennas for professional services where reliability and durability are essential. These antennas are ideal for DBS/DTH and value conscious receive-only enterprise network applications.

Each ValuStar™ 60 cm antenna utilizes a mono leg feed support arm and is available with an optional interchangeable RxO feed assembly that ensures optimum system performance.

The basic antenna is accompanied with a high quality azimuth/elevation (Az/El) mount. This mount attaches easily to a wall/roof mount (included) or any 38 mm O.D. mast pipe.

Every ValuStar™ antenna reflector is constructed of rugged, galvanized steel, and finished with a light gray weather resistant polyester powder coating. A rolled edge is engineered along the outside circumference to provide a rigid and accurate reflective surface.

The ValuStar™ galvanized steel mount is also finished in a powder coat paint to offer reliable protection from weather related corrosion.

- All materials comply with EU directive No. 2002/95/EC (RoHS).
- Galvanized steel, powder painted mount.
- Rugged, galvanized steel reflector with rigid rolled edge.
- Fast and simple installation.
- Compatible with a variety of ku-band feed assemblies.

SPECIFICATIONS

ValuStar™ 60 cm Galvanized Steel Antenna

RF Performance

Effective Aperture	60 cm
Operating Frequency	10.70 - 12.75 GHz
Gain	34.80 dBi @ 10.70 GHz 36.30 dBi @ 12.75 GHz
3 dB Beamwidth	3.2° (Typical)

(All specifications typical)



Mechanical Performance

Reflector Material	Galvanized Steel	
Antenna Optics	28.81° Offset Feed	
Mount Type	Elevation Over Azimuth	
Universal Feed Clamp Size	40 mm	
Elevation Adjustment Range	0° - 90°	
Azimuth Adjustment Range	0° - 360°	
Wind Loading	Operational	80 km/h (50 mph)
	Survival	160 km/h (100 mph)
Operating Temperature	-30°C to 60°C	

The ValuStar™ 60 cm galvanized steel reflector features a rolled edge to assure an accurate and rigid reflective surface.

Optional LNBFs



US FSS Ku-band LNBF
(40 mm Interface)
US Linear Applications



Universal Ku-band LNBF
(40 mm Interface)
Linear Applications



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