



The ValuStar™ 1.5 meter antenna features a rigid tri-leg feed support structure and is available with an optional interchangeable RxO feed assembly that provides optimum system performance



ValuStar™ 1.5 Meter 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™ 1.5 meter antenna features a rigid tri-leg feed support structure and is available with an optional interchangeable RxO feed assembly that provides optimum system performance.

A high quality azimuth/elevation (Az/El) mount. This Az/El mount attaches to any 76 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™ 1.5 Meter Galvanized Steel Antenna

RF Performance

Effective Aperture	150 cm
Operating Frequency	10.70 - 12.75 GHz
Gain	40.80 dBi @ 10.70 GHz 44.30 dBi @ 12.75 GHz
3 dB Beamwidth	1.30° (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™ 1.5 meter 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



ASC Signal Corporation
620 North Greenfield Parkway
Garner, NC 27529 USA

Telephone: +1-919-329-8700
Fax: +1-919-329-8701

Internet: www.ascsignal.com

All designs, specifications and availabilities of products and services presented in this bulletin are subject to change without notice.

ASC-DTH8

© 2007 ASC Signal Corporation