



MODERN COMMUNICATION AND
BROADCAST SYSTEMS PVT.LTD
MOST RENOWNED MOST EXPERIENCED MOST RELIABLE

MCBS ANTENNAE SYSTEM



MCBS DTH ANTENNAE DESIGNED FOR STRINGENT SPECS OF DTH OPERATORS (TATASKY, VIDEOCON & BIG TV, DD DIRECT PLUS, AIRTEL)

MCBS DTH ANTENNAE SYSTEMS HAVE BEEN TEST CERTIFIED AND APPROVED BY NUMEROUS REPUTED TEST LABS.

- Gain, radiation, Co and cross polarization (SAMEER, Ministry of MCIT, Govt. of India, Space Application Centre, (ISRO), Govt. of India)
- MCBS holds patents and design registration for its shapes, size and parts (The patent office, Govt of India)
- Life Endurance test (salt test) for 750 hrs (STQC/ERTL- MCIT, Govt of India)
- Wind load test for 140 km/hr operational and 180 km/hr survival (Integrated Service Technology, Reliability Engg. Division, ACCREDITED Lab under IEC/IECQ)
- MCBS antennae & its parts are UV protected and test Certified for SUN UV radiation

MCBS DTH ANTENNAE HAVE BEEN APPROVED AND ARE IN USE BY MAJOR DTH OPERATORS IN INDIA.



Ku-Band Dish Antenna

Model No: MA63 (55x63) | Model No: MA65 (60x65) | Model No: MA69 (60x69)

Special Features:

- High gain, High quality, Rugged, Highly Reliable and tested for 200km wind load
- Approved by ISRO (Indian Space Reserach Organization)
- Being used by TATA SKY, Videocon (D2h), Reliance, Reliance BIG TV, UFO movies, Doordarshan, IGNOU, APNET, BECIL & All major DTH operators
- More than 7.00 Million DTH Antenna sold in Indian market
- Offset antenna with bent-in edge, avoids deformation
- There are various stands for installation on wall, ground, roof, railing, balustrades or slope
- Specially designed for DTH Ku-band operation
- Made from TATA GALVANO GI material
- Heavy duty rugged tripod feed support arm (optional)
- Heavy duty steel pressed refelector with powder coating finish for all weather operation
- Resistant to atmospheric salts, pollutants & contaminants
- Super high gain, specially designed and tested for MCBS OEM requirement
- Accurate and precise universal AZ-EL mount with powder coating
- Precise degree scale stamped on AZ-EL mount for easy installation
- Custom built robust design for rural environment
- Superior high gain performance with excellent signal reception
- Rigid and strong mounting design for easy assembly & maintenance
- Heavy duty quad stand for ground mount antenna, designed for better wind load protection in coastal and rural areas (optional)
- Suitable for two way communication, teletalk, tele-teaching & tele-conferencing applications



Technical Specification

Model No	MA63	MA67	MA69
Reflector Optics	Offset	Offset	Offset
Offset Angle (Deg)	26.6	28.4	28.4
Horizontal Axis	55 cm	60 cm	60 cm
Vertical Axis	63 cm	65 cm	69 cm
GAIN@12.5 Ghz Ku-Band	35.8 dB	36.5dB	37 dB
Aperture Efficiency	~75%	~75%	~75%

F/D Ratio	0.55	0.6	0.5
Mount Type	Az/El		
Azimuth Alignment	360 deg.		
Elevation Alignment	10-90 deg.		
Pole Diameter	30-90mm		
Operating Temperature	~40°c~+60°c		
Operation Wind	130 Km/H		
Survival Wind	200 Km/H		

MODERN COMMUNICATION & BROADCAST SYSTEMS PVT. LTD.

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WORLD CLASS OFFSET ANTENNA For DTH



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