

TOROIDAL 55/90

10 Satellites With Only One Antenna

- Antenna with sub-reflector for use with multiple LNBS
- Azimuth : Total 60 degrees



FEATURES

- Unique and creative Toroidal dual reflector antenna.
- Receives several satellites just by one at the same time.
- Easy to install several LNBS on the focal line along the bottom of the main reflector.
- Worldwide application.
- Applicable to universal LNBS.
- Applicable to satellite broadcast as well as satellite internet service.
- Basic LNBF holders : 3 units (Additional units are optional).

SPECIFICATION

MODEL		Toroidal 55	Toroidal 90
Main Reflector	Height	53.2cm	96.7cm
	Width	66.8cm	108.6cm
Sub Reflector	Height	25.3cm	36.1cm
	Width	49.7cm	83.6cm
Reception Frequency		10.70 ~ 12.75GHz	10.70 ~ 12.75GHz
Antenna Gain (at 12.5 GHz)		35.95dB (at 0deg, Azimuth) 35.40dB (at 20deg, Azimuth)	40.10dB (at 0deg, Azimuth) 39.20dB (at 20deg, Azimuth)
Azimuth (at Tilt 0deg)		± 30 deg (Total 60 deg)	± 25 deg (Total 50 deg)
LNB Installation		1 ~ 10 EA	1 ~ 16 EA
Efficiency		70% ~ 82%	65% ~ 80%
Polarization		Linear & Circular	Linear & Circular
Material		Galvanized Steel	Galvanized Steel
Finish Coating		Polyester Powder Coating	Polyester Powder Coating
Color		White-gray, Dark gray	White-gray, Dark gray
Operating Temperature		-30 ℃ / +60 ℃	-30 ℃ / +60 ℃
Relative Humidity		0% - 90%	0% - 90%
Damage Winds		65 m/sec	60 m/sec
Operating Winds		50 m/sec	45 m/sec