



Features

- Pro-form aluminum reflector
- C/Ku mesh
- Powder-coat finish
- Wind-resistant structure
- 8 Point Pro-form 32" mount
- 4 Point Pro-form 24" mount
- Quad feed support
- Ideal for TVRO / SMATV application

Satellite Mesh Antenna
2.3M, 3M, 3.7M

Specifications

Model	ST-7	ST-10	ST-12
Type	4 Section	8 Section	8 Section
Operation Frequency	1 ~ 13 GHz	1 ~ 13 GHz	1 ~ 13 GHz
Diameter	2.3 m (7.5 ft)	3.0 m (10 ft)	3.69 m (12 ft)
Reflective Material	Aluminum	Aluminum	Aluminum
Mesh Thickness	0.7 ± 0.05 mm	0.8 ± 0.14 mm	0.8 ± 0.14 mm
Mounting	Polar mount	Polar mount	Polar mount
F/D Ratio	0.3766	0.385	0.385
Pole Size (O.D)	76 mm (3")	114 mm (4.5")	114 mm (4.5")
Focal Length	866.25 mm (36")	1155 mm (45 7/8")	1424.50 mm (57 1/2")
Gain at 4.2 (GHz)	37.08 dBi	39.39 dBi	41.20 dBi
Gain at 12.2 (GHz)	46.5 dBi	48.69 dBi	50.47 dBi
Frist Side Lobe	≤ -14 dB		
Feed	Prime focus		
	Quad feed		
	Support		
EL Travel Range	5° ~ 90°		
AZ Travel Range	0° ~ 360°		
Withstand Wind (Operation)	8 degree wind		
	(Able to receive) 10 degree wind		
	(Survival upright) 12 degree wind		
Net Weight	34.3 kg	60 kg	68 kg

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.