



## 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
- 3- 1/2" Pole side overall
- Ideal for TVRO/SMATV Application

## Satellite Mesh Antenna S230,300,370 AM-PM

Model	S240AM-PM	S300AM-PM	S370AM-PM
Type	4 section	12 section	8 section
Operating Frequency	1 to 13 Ghz	1 to 13 Ghz	1 to 13 Ghz
Diameter	2.3 m (90")	3.0 m (120")	3.70 m (145")
Reflective Material	Aluminium	Aluminium	Aluminium
Mesh	C/Ku Mesh	C/Ku Mesh	C/Ku Mesh
Thickness	0.7mm ± 0.05mm	0.7mm ± 0.05mm	0.7mm ± 0.05mm
Mounting	Polar Mount	Polar Mount	Polar Mount
F/D Ratio	0.4	0.38	0.4
Feed	Prime Focus	Prime Focus	Prime Focus
	Quad Feed	Quad Feed	Quad Feed
	Support	Support	Support
Pole Size (O.D)	89mm (3.5")	89mm (3.5")	89mm (3.5")
Focal Length	915mm	1160mm	1460mm
	(36")	(45 7/8")	(57 1/2")
Gain at 4.2(GHz)	38.3 dBi	40.3 dBi	42.3 dBi
Gain at 12.2(GHz)	46.5 dBi	47.8 dBi	49.8 dBi
First Side Lobe(dB)	< -16	< -18	< -18
EI Travel Range	0 ~ 90°	0 ~ 90°	0 ~ 90°
AI Travel Range	0 ~ 360°	0 ~ 360°	0 ~ 360°
Withstand Wind(Operational)	110 Km/h	110 Km/h	110 Km/h
Weight			
Reflector-Net Weight	11.5Kg	20.5Kg	32.0Kg
Reflector-Gross Weight	13.5Kg	23.5Kg	37.0Kg
Mount-Net Weight	21.0Kg	28.5Kg	29.0Kg
Mount-Gross Weight	25.0Kg	32.0Kg	36.0Kg
Feedsupport-Net Weight	1.8Kg	2.5Kg	3.0Kg
Feedsupport-Gross Weight	2.0Kg	3.0Kg	3.5Kg