

One Button Acquisition Man-Pack Antenna



Product Features

- 1) High strength, light weight, carbon fiber reflector with a surface accuracy of $<0.3\text{mm RMS}$.
- 2) Supports both manual and one button auto-deploy acquisition of the satellite.
- 3) Easy assembly and operation, without training or tools, with acquisition of the satellite in four (4) minutes.
- 4) Supports C, X, Ku and Ka-Band operation.
- 5) Supports DVB-S1, DVB-S2 satellite acquisition either by beacon or modem outputs.
- 6) Supports various requirements such as, Broadcast & Media, Emergency & Public Safety, Oil & Gas, etc.
- 7) Ring focus antenna with 8 segments reflector.
- 8) Carbon fiber tripod support legs.

ASI 0.8-Meter Man-Pack Antenna (MPA)

Model No.		ASI 0.8-Meter MPA
Operation Frequency	Tx	13.75~14.50 GHz
	Rx	10.7~12.75 GHz
Gain (Mid Band)	Tx	38.9+20lg(f/14.25) dBi
	Rx	37+20lg(f/12.5) dBi
Polarization		Linear
CPI (On Axis, Linear)		35 dB
VSWR		1.5
Tx / Rx Isolation		85 dB
Power Capability		100 W
Feed Interface		WR75
Side Lobe		-14dB (first side lobe)
Feed Type		Ring Focus
Reflector Aperature		0.80M
Jack Range	Azimuth	360°
	Elevation	0°~90°
	Polarization	±90°
Weight		≤ 16.8 KG (without BUC, LNB, packaging)
Operate Wind Loading		11 m/s (balance weight)
Survival Wind Loading		18 m/s (balance weight)
Temperature		-20°C ~ + 60°C
Relative Humidity		0-100%