



- **Quick Deploy Terminal,  
(Less than 5 Minutes Set-Up)**
- **Very Light Weight**
- **Single Piece VSAT Antenna**
- **Outstanding Value**

### Modular

The user friendly modular design allows for simple, fast and accurate satellite acquisition either as a manually controlled mount or as a fully auto-acquisition motorised mount.

The Satellite Acquisition Controller uses industry standard position transducers and a sophisticated pattern recognition algorithm to confirm and refine its heading information using visible satellites.

### Maximum Rigidity

The main reflector is manufactured using the high quality SMC compression moulding method ensuring maximum rigidity for minimal cost.

*The Holkirk 'TP120' antenna system is renowned for its compact size, light weight and powerful performance having been designed to excel in today's ever demanding satellite communications industry.*

### Versatile

The novel, light weight and sturdy tri-pod design houses a truly versatile HPA cradle which can accommodate a wide range of third party HPA's up to 400W in X, Ku and Ka-Bands, neatly doing away with the long lengths of fragile, flexible wave-guide normally associated with flyaway systems or VSAT BUC's attached directly to the feed.

### Options

**75cm / 90cm / 120cm**  
**Single or dual optics**  
**Full 3 axis motorisation**  
**Satellite acquisition**  
**Optional GPS,FGC and**  
**Inclinometers**  
**Ipoin™ ACU**

### Specification:- Dual Optic Solution

#### Mechanical Data

|                         |                         |
|-------------------------|-------------------------|
| Antenna Width :         | 123 cm                  |
| Antenna Height :        | 127 cm                  |
|                         | offset dual optics, SMC |
| Feed Interface :        | WR 75                   |
| Azimuth Range :         | 0~360°                  |
| Elevation Range :       | 10~90°                  |
| Operating Temperature : | -30°C~+60°C             |

#### Electrical Data

##### **Receive**

|                                  |                 |
|----------------------------------|-----------------|
| Polarisation :                   | linear          |
| Frequency Band :                 | 10,7 ~12,75 GHz |
| 3dB beam width :                 | 1,3°            |
| Gain @ 12,5 GHz :                | 41,8 dBi        |
| G/T (30° elevation) @ 12,5 GHz : | 17 dBK          |

##### **Transmit**

|                                      |                   |
|--------------------------------------|-------------------|
| Polarisation :                       | linear orthogonal |
| Frequency Band :                     | 13,75 ~14,5 GHz   |
| 3dB Beam Width :                     | 1,1°              |
| Gain @ 14,25 GHz :                   | 43 dBi            |
| VSWR :                               | 1,3 : 1 max       |
| Isolation Rx / Tx (13,75~14,5 GHz) : | 40 dB min         |
| Isolation Tx / Rx (10,75~12,75GHz) : | 75 dB min         |

### Options:-

De-Ice Kit  
Auto-Pointing Controller

