

## QD-90

### Manual 90cm Antenna

- **Quick deploy assembly**  
(under 5 minutes)
- **No assembly tools**
- **Single piece reflector**
- **Compact and robust**
- **Two flight case solution**
- **BUC/LNB integration**



The QD-90 antenna system from Holkirk is compact in size, lightweight and simple to use allowing for fast accurate acquisition of satellites world wide.

The QD-90 has a manual drive system which has been designed to excel in today's increasingly demanding satellite delivery market place.

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

The tripod is constructed from high grade materials with self location construction features allowing the QD-90 to be assembled without the need for tools

A robust transportation case will be supplied with location for customer specified BUC and LNB (need to confirm size and weight pre-order).



#### Specification

Antenna (HK 90/1)	90cm
Polarisation Performance	XPD >30 dB
Polarisation Adjustment	Rotation at feed
<b>Receive</b>	
Polarisation :	linear orthogonal
Frequency band :	10,7 ~ 12,75 GHz
Gain @ 12,5 GHz :	38.5 dBi
G/T (typical)	17.5 dB/K@ 11.7 GHz
<b>Transmit</b>	
Polarisation :	linear
Frequency band :	13,75 ~ 14,5 GHz
Gain @ 14,25 GHz :	40.3 dBi
<b>Mechanical Data</b>	
Antenna Diameter :	90 cm
Geometry :	Single offset
Reflector Material :	glass fiber reinforced polyester
Weight:	<23kg(uncased)
Cased weight:	36kg / 14kg

#### APPROVALS & COMPLIANCE

- Eutelsat/Intelsat compliant.

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