

OP150

Technical Specifications	OP 150 S
Frequency range (GHz)	10.00-13.00
Outside dimension(cm)	155.0 x 166.0
Reflecting dimension (cm)	150.0 x 161.0
Illumination efficiency ⁽¹⁾ (%)	70
Gain ⁽¹⁾ @ 10.70 GHz (dB)	43.00
Gain ⁽¹⁾ @ 11.70 GHz (dB)	43.70
Gain ⁽¹⁾ @ 12.75 GHz (dB)	44.50
Cross polarization ^{(1);(2)} on axis (dBc)	-28
First side lobe level ^{(1);(2)} (dBc)	-25
Noise temp. ⁽¹⁾ @ 12GHz, 30° elevation (K)	31
F/D ratio	0.66
-3 dB Beam width ⁽¹⁾ @ 11.7GHz	1.07°
Offset pointing angle	21.3°
Feed illumination angle	70°
Feeder clamp (mm)	40
Elevation angle	20° - 90°
Mast clamp (mm)	55 - 100
Reflector thickness (mm)	2.0
Wind-load @ 120 km/h (kg)	250
Antenna net weight (kg) ⁽³⁾	23.8
Working temperature	-30°/+70°
Humidity	0-100%
⁽¹⁾ Value with matched feed	
⁽²⁾ Value @ 10.95GHz	
⁽³⁾ Net weight without package	