

Technical Specifications	OP 85 XP
Frequency range (GHz)	10.00 - 13.00
Outside dimension (cm)	85.0 x 90.5
Reflecting dimension (cm)	81.5 x 87.0
Illumination efficiency ⁽¹⁾ (%)	70
Gain ⁽¹⁾ @ 10.70 GHz (dB)	37.80
Gain ⁽¹⁾ @ 11.70 GHz (dB)	38.50
Gain ⁽¹⁾ @ 12.75 GHz (dB)	39.20
Cross polarization ^{(1);(2)} on axis (dBc)	-26
First side lobe level ^{(1);(2)} (dBc)	-24
Noise temp. ⁽¹⁾ @ 12GHz, 30° elevation (K)	40
F/D ratio	0.67
3 dB Beam width ⁽¹⁾ @ 11.7GHz	1.95°
Offset pointing angle	21.1°
Feed illumination angle	69°
Feeder clamp (mm)	40/23
Elevation angle	0°-80°
Mast clamp (mm)	30-90
Alu reflector thickness (mm)	1.2
Wind-load @ 120 km/h (kg)	75
Antenna net weight (kg) ⁽³⁾	6.2
Working temperature	-30° / +70°
Humidity	0-100%
(1) Value with matched feed	
(2) Value @ 10.95GHz	
(3) Net weight without package	

Data subject to change without notice | Additional information available upon request