

MODEL	v60	v60Ka	v65	v80G	v100	v100Ka
Radome Dimension (WxH)	78x84.5 cm (30.7x33.3 inch)	90x103 cm (35.5x40.5 inch)	90x104 cm (35.5x40.9 inch)	113x121cm (44.5x47.5 inch)	138x151.4 cm (54.3x59.6 inch)	138x151.4 cm (54.3 x59.6 inch)
Reflector Diameter	60 cm (23.6 inch)	65 cm (25.6 inch)	65 cm (25.6 inch)	83cm (32.7 inch)	103 cm (41 inch)	103 cm (41 inch)
Antenna Weight	59.5 kg (131.2 Ibs)	60 kg (132 Ibs)	60 kg (132 Ibs)	90.4 kg (199 Ibs)	127.4 kg (280.8 Ibs)	128 kg (282 Ibs)
Elevation Range	-10°~100°	-20° to +115°	-20° to +115°	-10°~110°	-20°~115°	-20° to +115°
Cross-Level Range	Up to ±30°	Up to ±37°	±37°	Up to ± 30°	Up to ±37°	Up to ±37°
Turn Rate	Up to 12°/sec 5°/sec <sup>2</sup>	Up to 12°/sec 5°/sec <sup>2</sup>	none	Up to 12°/sec 5°/sec <sup>2</sup>	Up to 12°/sec 5°/sec <sup>2</sup>	Up to 12°/sec 5°/sec <sup>2</sup>
TX Frequency	13.75~14.5 GHz Ku-band	29.00~30GHz Ka-band	13.75~14.5GHz Ku-band	13.75~14.5 GHz Ku-band	13.75~14.5 GHz Ku-band	29.00~30GHz Ka-band
RX Frequency	10.95~12.75 GHz Ku-band	19.2~20.2GHz Ka-band	10.7~12.75 GHz Ku-band	10.7~12.75 GHz Ku-band	10.7~12.75 GHz Ku-band	19.2~20.2GHz Ka-band
TX Gain	37 dBi @ Mid band	43.75 dBi @ 29.5GHz	37.7 dBi @ Mid band	40 dBi @ Mid band	41.6 dBi @ Mid band	47.7 dBi @ 29.5GHz
RX Gain	35.6 dBi @ Mid band	40 dBi @ 19.7GHz	36.3 dBi @ Mid band	37.6 dBi @ Mid band	39.4 dBi @ Mid band	43.7 dBi @ 19.7GHz
LNB Pol Control	Cross-pol & Co-pol as standard	Circular, Tx:RHCP / Rx:LHCP	Intellian PLL LNB	Cross-pol & Co-pol as standard	Cross-pol & Co-pol as standard	Circular, Tx:RHCP / Rx:LHCP
Cross-Pol Isolation	>30 dB at beam center	Minimum 35 dB	Linear, Cross-pol only	>35 dB @ beam center	>35 dB @ beam center	Minimum 35dB
G/T	15.0 dB/K	> 16.2 dB/K (min.)	15.7 dB/K	17.7 dB/K	19.6 dB/K	> 20.3 dB/K (min.)