

SatCom Antennas Ku, C, and X bands, for fixed, Flyaway (complete) and mobile applications



Type 183 integrated to SR-2000 semi-trailer



Type 183 with positioner on SNG vehicle



Type 243



Type 183 with positioner on SNG vehicle



Type 183

Modelo	Type 961	Type 122	Type 183	Type 243
Manufacturer	SkyWare Global	SkyWare Global	SkyWare Global	SkyWare Global
Material	Polyester-reinforced fiberglass	Polyester-reinforced fiberglass	Polyester-reinforced fiberglass	Polyester-reinforced fiberglass
Effective diameter	m 0.96	1.2	1.8	2.4
Optics	offset	offset	offset	offset
Band / Frequency	ku	ku	C	C
Tx	GHz 13.75 – 14.50	13.75 – 14.50	5.850 – 6.725	5.850 – 6.725
Rx	GHz 10.70 – 12.75	10.70 – 12.75	3.400 – 4.200	3.400 – 4.200
Gaing				
Tx	dBi 41.2 @ 14.3GHz	43.3 @ 14.3GHz	39.3 @ 6.1GHz	42.0 @ 6.1GHz
Rx	dBi 39.7 @ 12.0GHz	41.8 @ 12.0GHz	35.4 @ 3.9GHz	38.0 @ 3.9GHz
Beamwidth				
Tx	1.5° @ 14.3GHz	1.2° @ 14.3GHz	2.0° @ 6.1GHz	1.3° @ 6.1GHz
Rx	1.8° @ 12.0GHz	1.5° @ 12.0GHz	3.0° @ 3.9GHz	2.1° @ 3.9GHz
VSWR max				
Tx	1.3:1	1.3:1	1.3:1	1.3:1
Rx	1.5:1	1.5:1	1.5:1	1.5:1
Cross-pol	dB >30dB	>30dB	30dB	30dB
Polarization	Linear, Ortoogonal (opcional co-pol)	Linear, Ortoogonal	Linear, Ortoogonal	Linear, Ortoogonal
Isolation (port-port)				
Tx	dB 90	90	60	60
Rx	dB >40	>40	60	60
Connectors				
Tx	Flange WR75	Flange WR75	CPR-137	CPR-137
Rx	Flange WR75	Flange WR75	CPR-229	CPR-229
Pole diameter	pol 2.88 – 3.00	2.88 – 3.00	4.5	6.63
Weight	kg			
Part #	30711	31374	33784	34879



Type 122



Type 961

Contact us for other models or band/diameter compositions