



10.5 - 10.7 GHz

Antenna Inputs. All antenna VSWR values are specified with CPR and PDR flanges. Other optional flanges may result in equal or slightly higher VSWR. Contact Andrew for details.
Pressurization. Feeds are pressurizable to 10 lb/in² (70 kPa).
ValuLine® Antennas. See page 127.

Type Number	Diameter ft (m)	RPE Number(s)		Regulatory Compliance					Gain, dBi	Beamwidth Degrees	Cross Pol. Disc., dB	F/B Ratio dB	VSWR max. (R.L., dB)		
				U.S. FCC 101	74	78	ETSI Class	ETSI Gain						Low	Mid-Band
UHX		Ultra High Performance Antennas – Dual Polarized Antenna Inputs: CPR90G and PDR100													
UHX4-105	4 (1.2)	2013	2012	A	–	–	3	2	39.8	39.9	40.0	1.7	33	70	1.08 (28.3)
UHX6-105	6 (1.8)	2037	2038	A	–	–	3	2	43.4	43.5	43.6	1.2	33	81	1.06 (30.7)
UHX8-105	8 (2.4)	2024	2025	A	–	–	3	2	45.8	45.9	46.0	1.0	33	80	1.06 (30.7)
UHX10-105	10 (3.0)	2033	2032	A	–	–	3	2	47.8	47.9	48.0	0.8	33	83	1.06 (30.7)
UHX12-105	12 (3.7)	2034	2035	A	–	–	3	2	49.2	49.3	49.4	0.65	33	80	1.06 (30.7)
HSX		High Performance Antennas – Super High Cross Polarization Discrimination – Dual Polarized Antenna Inputs: CPR90G and PDR100													
HSX4-105	4 (1.2)	1972	1974	A	–	–	2	2	39.6	39.7	39.8	1.7	40	64	1.10 (26.4)
HSX6-105	6 (1.8)	1976	1980	A	–	–	3	2	43.2	43.4	43.5	1.1	40	72	1.08 (28.3)
HSX8-105	8 (2.4)	2017	2019	A	–	–	3	2	45.8	45.9	46.0	0.8	40	75	1.06 (30.7)
HSX10-105	10 (3.0)	2026	2028	A	–	–	3	2	47.6	47.7	47.8	0.7	40	75	1.06 (30.7)
HSX12-105	12 (3.7)	2253	2255	A	–	–	3	2	49.5	49.3	49.2	0.6	40	80	1.06 (30.7)
HPX HP		High Performance Antennas – Dual Polarized Antenna Inputs: CPR90G and PDR100													
HPX4-105	4 (1.2)	2462		B	–	–	2	2	39.8	39.9	40.0	1.8	30	60	1.10 (26.4)
HPX6-105	6 (1.8)	3269		A	–	–	2	2	43.4	43.5	43.6	1.2	30	64	1.08 (28.3)
HPX8-105	8 (2.4)	3274		A	–	–	2	2	45.8	45.9	46.0	0.9	30	68	1.06 (30.7)
HPX10-105	10 (3.0)	3280		A	–	–	2	2	47.7	47.8	47.9	0.8	30	70	1.06 (30.7)
HPX12-105	12 (3.7)	3282		A	–	–	2	2	49.2	49.3	49.4	0.7	30	71	1.06 (30.7)
		High Performance Antennas – Single Polarized Antenna Inputs: CPR90G and PDR100													
HP4-105	4 (1.2)	3472		B	–	–	2	2	39.8	39.9	40.0	1.8	30	60	1.08 (28.3)
HP6-105	6 (1.8)	3258		B	–	–	2	2	43.4	43.5	43.6	1.2	30	66	1.06 (30.7)
HP8-105	8 (2.4)	3259		A	–	–	2	2	45.8	45.9	46.0	0.9	30	68	1.06 (30.7)
HP10-105	10 (3.0)	3260		A	–	–	2	2	47.7	47.8	47.9	0.8	30	70	1.06 (30.7)
HP12-105	12 (3.7)	3261		A	–	–	1	2	49.2	49.3	49.4	0.7	30	71	1.06 (30.7)
PX P		Standard Antennas – Dual Polarized Antenna Inputs: CPR90G and PDR100													
PX6-105	6 (1.8)	3290		B	–	–	1	2	43.4	43.5	43.6	1.2	30	49	1.15 (23.1)
PX8-105	8 (2.4)	3291		B	–	–	1	2	45.8	45.9	46.0	0.9	30	50	1.10 (26.4)
PX10-105	10 (3.0)	3292		B	–	–	1	2	47.7	47.8	47.9	0.8	30	52	1.10 (26.4)
PX12-105	12 (3.7)	3293		B	–	–	1	2	49.2	49.3	49.4	0.7	30	55	1.10 (26.4)
		Standard Antennas – Single Polarized Antenna Inputs: CPR90G and PDR100													
P4-105	4 (1.2)	3002		B	–	–	–	–	39.8	39.9	40.0	1.8	30	45	1.15 (23.1)
P6-105	6 (1.8)	3146		B	–	–	1	2	43.4	43.5	43.6	1.2	30	51	1.10 (26.4)
P8-105	8 (2.4)	3004		B	–	–	1	2	45.8	45.9	46.0	0.9	30	53	1.10 (26.4)
P10-105	10 (3.0)	3006		A	–	–	1	2	47.8	47.9	48.0	0.8	30	53	1.10 (26.4)
P12-105	12 (3.7)	3218		B	–	–	1	2	49.2	49.3	49.4	0.7	30	55	1.10 (26.4)
PAR		Standard Antennas – Single Polarized Low VSWR Antenna Inputs: CPR90G and PDR100													
PAR6-105*	6 (1.8)	1646		A	–	–	1	2	43.0	43.1	43.2	1.2	30	60	1.06 (30.7)
PAR8-105*	8 (2.4)	1647		A	–	–	1	2	45.6	45.7	45.8	0.9	30	63	1.06 (30.7)

Reference ETSI Document EN300833 for 3 to 60 GHz
 * Uses focal plane reflector and feed system.