







10.5 - 11.7 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			ETSI								
			101	74	78	Class	Gain	Low	Mid-Band	Top				
UHX  Ultra High Performance Antennas – Dual Polarized Antenna Inputs: CPR90G and PDR100														
UHX4-107	4 (1.2)	2098 2097	A	–	–	3	2	40.0	40.4	40.8	1.6	33	70	1.08 (28.3)
UHX6-107	6 (1.8)	2141 2142	A	–	–	3	2	43.6	44.0	44.4	1.1	33	80	1.06 (30.7)
UHX8-107	8 (2.4)	2124 2125	–	–	–	–	–	46.0	46.5	46.8	0.8	33	80	1.06 (30.7)
UHX10-107	10 (3.0)	2127 2126	A	–	–	3	2	47.6	48.0	48.3	0.7	33	82	1.06 (30.7)
UHX12-107	12 (3.7)	2128 2129	A	–	–	3	2	49.4	49.8	50.2	0.5	33	80	1.06 (30.7)
HSX  High Performance Antennas - Super High Cross Polarization Discrimination – Dual Polarized Antenna Inputs: CPR90G and PDR100														
HSX4-107	4 (1.2)	2314 2312	A	–	–	2	2	39.8	40.2	40.6	1.6	40	64	1.10 (26.4)
HSX6-107	6 (1.8)	2316 2318	A	–	–	3	2	43.5	43.9	44.3	1.1	40	72	1.08 (28.3)
HSX8-107	8 (2.4)	2320 2322	A	–	–	2	2	46.0	46.5	46.8	0.8	40	75	1.06 (30.7)
HSX10-107	10 (3.0)	2340 2338	A	–	–	2	2	47.8	48.2	48.6	0.7	40	75	1.06 (30.7)
HSX12-107	12 (3.7)	2362 2364	A	–	–	3	2	49.2	49.6	50.3	0.5	40	80	1.06 (30.7)
HPX HP  High Performance Antennas – Dual Polarized Antenna Inputs: CPR90G and PDR100														
HPX4-107	4 (1.2)	2460	B	–	–	2	2	40.0	40.3	40.6	1.6	30	62	1.10 (26.4)
HPX6-107	6 (1.8)	3224	A	–	–	2	2	43.6	44.0	44.4	1.0	30	70	1.08 (28.3)
HPX8-107	8 (2.4)	3175	A	–	–	2	2	46.0	46.4	46.8	0.8	30	70	1.06 (30.7)
HPX10-107	10 (3.0)	3173	A	–	–	2	2	47.9	48.3	48.6	0.7	30	70	1.06 (30.7)
HPX12-107	12 (3.7)	3190	A	–	–	2	2	49.4	49.8	50.2	0.5	30	72	1.06 (30.7)
High Performance Antennas – Single Polarized Antenna Inputs: CPR90G and PDR100														
HP4-107	4 (1.2)	3429	A	–	–	2	2	40.0	40.4	40.8	1.6	30	61	1.08 (28.3)
HP6-107	6 (1.8)	3222	A	–	–	3	2	43.6	44.0	44.4	1.0	30	70	1.06 (30.7)
HP8-107	8 (2.4)	3174	A	–	–	3	2	46.0	46.4	46.8	0.8	30	71	1.06 (30.7)
HP10-107	10 (3.0)	3250	A	–	–	–	–	47.9	48.3	48.6	0.7	30	70	1.06 (30.7)
HP12-107	12 (3.7)	3188	A	–	–	2	2	49.4	49.8	50.2	0.5	30	70	1.06 (30.7)
HDX  High Performance, Dual Beam Antennas – Dual Polarized Angle Diversity Antenna Input: CPR90G														
HDX8-107	8 (2.4)	3791 3793 3787 3789	A	–	–	2/3	2	47.6	47.9	48.1	0.8	26	78	1.10 (26.4)
HDX10-107	10 (3.0)	4352 4353 4354 4355	A	–	–	3	2	47.6	47.9	48.1	0.8	22	78	1.10 (26.4)
PAR  Standard Antennas – Single Polarized Antenna Inputs: CPR90G and PDR100														
PAR6-107**	6 (1.8)	3743	A	–	–	1	2	43.2	43.6	44.0	1.1	30	60	1.06 (30.7)
PAR8-107**	8 (2.4)	3745	A	–	–	1	2	45.8	46.2	46.6	0.8	30	63	1.06 (30.7)
PXL PL  Standard Antennas – Dual Polarized Low VSWR Antenna Inputs: CPR90G and PDR100														
PXL6-107	6 (1.8)	3183	B	–	–	–	–	43.6	44.0	44.4	1.0	30	49	1.08 (28.3)
PXL8-107	8 (2.4)	3185	B	–	–	–	–	46.0	46.4	46.8	0.8	30	50	1.06 (30.7)
PXL10-107	10 (3.0)	3187	B	–	–	–	–	47.9	48.3	48.6	0.7	30	52	1.06 (30.7)
PXL12-107	12 (3.7)	3199	B	–	–	–	–	49.4	49.8	50.2	0.5	30	53	1.06 (30.7)
Standard Antennas – Single Polarized Low VSWR Antenna Inputs: CPR90G and PDR100														
PL4-107	4 (1.2)	3214	B	–	–	–	–	40.1	40.5	40.9	1.6	30	46	1.08 (28.3)
PL6-107	6 (1.8)	3101	B	–	–	–	–	43.6	44.0	44.4	1.0	30	51	1.06 (30.7)
PL8-107	8 (2.4)	3249	B	–	–	1	2	46.0	46.4	46.8	0.8	30	53	1.06 (30.7)
PL10-107	10 (3.0)	3200	B	–	–	–	–	47.8	48.2	48.5	0.7	30	54	1.06 (30.7)
PL12-107	12 (3.7)	3116	B	–	–	1	2	49.4	49.8	50.2	0.5	30	60	1.06 (30.7)

Reference ETSI Document EN300833 for 3 to 60 GHz

* Multiband antennas are available for this frequency band. See pages 93-94.

** Uses focal plane reflector and feed system



Terrestrial Microwave Antenna System Products