
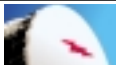
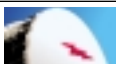





10.5 - 11.7 GHz \*

**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/in<sup>2</sup> (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							
<b>UHX</b>  <b>Ultra High Performance Antennas – Dual Polarized</b> 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	A	–	–	3	2	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)
<b>HSX</b>  <b>High Performance Antennas - Super High Cross Polarization Discrimination – Dual Polarized</b> 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)
<b>HPX HP</b>  <b>High Performance Antennas – Dual Polarized</b> 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)
<b>High Performance Antennas – Single Polarized</b> 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	–	–	2	2	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)
<b>HDX</b>  <b>High Performance, Dual Beam Antennas – Dual Polarized Angle Diversity</b> Antenna Input: CPR90G														
HDX8-107	8 (2.4)	3791 3793 3787 3789	A	–	–	2	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	–	–	2	2	47.6	47.9	48.1	0.8	22	78	1.10 (26.4)
<b>PAR</b>  <b>Standard Antennas – Single Polarized</b> 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)
<b>PXL PL</b>  <b>Standard Antennas – Dual Polarized Low VSWR</b> 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)
<b>Standard Antennas – Single Polarized Low VSWR</b> 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	–	–	1	2	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