








**5.850 - 5.915, 6.425 - 6.930 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).

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	U.S. FCC 74	U.S. FCC 78	ETSI Class	ETSI Gain	Low	Mid-Band	Top				
<b>UHX</b>  <b>Ultra High Performance/Wide Band Antennas – Dual Polarized</b> Antenna Inputs: CPR137G and PDR70														
<b>UHX8-58W</b>														
5.850-5.915 GHz**8 (2.4)		3755 3753	–	–	–	3	2	40.4	40.5	40.6	1.45	34	68	1.08 (28.3)
6.425-6.930 GHz***		3772 3747	A	A	–	3	2	41.5	41.8	42.1	1.3	34	70	1.08 (28.3)
<b>UHX10-58W</b>														
5.850-5.915 GHz**10 (3.0)		3757 3759	–	–	–	3	2	42.0	42.1	42.2	1.25	34	71	1.08 (28.3)
6.425-6.930 GHz***		3774 3776	A	A	–	3	2	43.0	43.2	43.4	1.15	34	73	1.08 (28.3)
<b>HPX</b>  <b>High Performance/Wide Band Antennas – Dual Polarized</b> Antenna Inputs: CPR137G and PDR70														
<b>HPX8-58W</b>														
5.850-5.915 GHz**8 (2.4)		3749	–	–	–	2	2	40.7	40.8	40.9	1.4	32	65	1.08 (28.3)
6.425-6.930 GHz***		3761	B	A	–	3	2	41.7	41.9	42.2	1.4	34	67	1.08 (28.3)
<b>HPX10-58W</b>														
5.850-5.915 GHz**10 (3.0)		3751	–	–	–	2	2	42.6	42.7	42.8	1.2	32	68	1.08 (28.3)
6.425-6.930 GHz***		3770	B	A	–	2	2	43.4	43.4	43.8	1.2	34	69	1.08 (28.3)

**5.925 - 6.425 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 k Pa) except LBX Series 8 lb/in<sup>2</sup> (56 kPa).

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	U.S. FCC 74	U.S. FCC 78	ETSI Class	ETSI Gain	Low	Mid-Band	Top				
<b>UHX</b>  <b>Ultra High Performance Antennas – Dual Polarized</b> Antenna Inputs: CPR137G and PDR70														
<b>UHX6-59</b>														
6 (1.8)		1730 1729	A	–	–	3	2	38.4	38.8	39.1	1.8	33	75	1.06 (30.7)
<b>UHX8-59</b>														
8 (2.4)		1654 1653	A	–	–	3	2	40.9	41.3	41.6	1.4	33	77	1.06 (30.7)
<b>UHX10-59</b>														
10 (3.0)		1667 1666	A	–	–	3	2	42.9	43.2	43.6	1.1	34	80	1.06 (30.7)
<b>UHX12-59</b>														
12 (3.7)		1665 1664	A	–	–	3	2	44.4	44.8	45.2	0.9	35	80	1.06 (30.7)
<b>UHX15-59</b>														
15 (4.6)		1662 1661	A	–	–	3	2	46.1	46.4	46.8	0.8	34	80	1.06 (30.7)
<b>HSX</b>  <b>High Performance Antennas, Super High Cross Polarization Discrimination Dual Polarized – TEGLAR Long Life Radome Included</b> Antenna Inputs: CPR137G and PDR70														
<b>HSX6-59</b>														
6 (1.8)		2424 2422	B	–	–	3	2	38.4	38.8	39.1	1.8	40	72	1.07 (29.4)
<b>HSX8-59</b>														
8 (2.4)		2428 2429	A	–	–	3	2	40.9	41.3	41.6	1.4	40	74	1.06
<b>HSX10-59</b>														
10 (3.0)		2442 2440	A	–	–	3	2	42.5	42.9	43.2	1.1	40	76	1.06
<b>HSX12-59</b>														
12 (3.7)		2444 2446	A	–	–	3	2	44.4	44.7	45.0	0.9	40	78	1.06
<b>HSX15-59</b>														
15 (4.6)		2450 2448	A	–	–	3	2	46.3	46.6	46.9	0.8	40	79	1.06
<b>HPX HP</b>  <b>High Performance Antennas – Dual Polarized – Hypalon Radome Included</b> Antenna Inputs: CPR137G and PDR70														
<b>HPX6-59</b>														
6 (1.8)		2664	B	–	–	3	2	38.4	38.8	39.1	1.8	30	65	1.07 (29.4)
<b>HPX8-59</b>														
8 (2.4)		2678	A	–	–	3	2	40.9	41.3	41.6	1.4	30	69	1.06 (30.7)
<b>HPX10-59</b>														
10 (3.0)		2684	A	–	–	2	2	42.7	43.1	43.5	1.1	30	71	1.06 (30.7)
<b>HPX12-59</b>														
12 (3.7)		2682	A	–	–	2	2	44.4	44.8	45.2	0.9	30	71	1.06 (30.7)
<b>HPX15-59</b>														
15 (4.6)		2683	A	–	–	2	2	46.1	46.4	46.8	0.8	30	71	1.06 (30.7)

Reference ETSI Document EN300833 for 3 to 60 GHz

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

\*\* Meets Canadian DOC GL-34 Specification

\*\*\* Meets Canadian DOC SRSP 306.4 Issue #3 Specification

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