



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/in² (70 kPa).

Type Number	Diameter ft (m)	RPE Number(s)	Regulatory Compliance						Gain, dBi	Top	Beamwidth Degrees	Cross Pol. Disc., dB	F/B Ratio dB	VSWR max. (R.L., dB)
			101	74	78	Class	Gain	Low						
UHX		Ultra High Performance/Wide Band Antennas – Dual Polarized Antenna Inputs: CPR137G and PDR70												
UHX8-58W														
5.850-5.915 GHz**8 (2.4)		3755 3759	A	–	–	3	2	40.4	40.5	40.6	1.45	34	68	1.08 (28.3)
6.425-6.930 GHz***		3772 3747	A	–	–	–	–	41.5	41.8	42.1	1.3	34	70	1.08 (28.3)
UHX10-58W														
5.850-5.915 GHz**10 (3.0)		3757 3759	A	–	–	3	2	42.0	42.1	42.2	1.25	34	71	1.08 (28.3)
6.425-6.930 GHz***		3774 3776	–	–	–	–	–	43.0	43.2	43.4	1.15	34	73	1.08 (28.3)
HPX		High Performance/Wide Band Antennas – Dual Polarized Antenna Inputs: CPR137G and PDR70												
HPX8-58W														
5.850-5.915 GHz**8 (2.4)		3761	–	–	–	3	2	40.7	40.8	40.9	1.4	32	65	1.08 (28.3)
6.425-6.930 GHz***		3749	–	–	–	–	–	41.7	41.9	42.2	1.4	34	67	1.08 (28.3)
HPX10-58W														
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	–	–	–	–	–	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/in² (70 kPa) except LBX Series 8 lb/in² (56 kPa).

Type Number	Diameter ft (m)	RPE Number(s)	101	Regulatory Compliance				Low	Gain, dBi Mid-Band	Top	Beamwidth Degrees	Cross Pol. Disc., dB	F/B Ratio dB	VSWR max. (R.L., dB)
				U.S. FCC 74	78	ETSI Class	ETSI Gain							
UHX		Ultra High Performance Antennas – Dual Polarized Antenna Inputs: CPR137G and PDR70												
UHX6-59	6 (1.8)	1730 1729	A	–	–	3	2	38.4	38.8	39.1	1.8	33	75	1.06 (30.7)
UHX8-59	8 (2.4)	1654 1653	A	–	–	3	2	40.9	41.3	41.6	1.4	33	77	1.06 (30.7)
UHX10-59	10 (3.0)	1667 1666	A	–	–	3	2	42.9	43.2	43.6	1.1	34	80	1.06 (30.7)
UHX12-59	12 (3.7)	1665 1664	A	–	–	3	2	44.4	44.8	45.2	0.9	35	80	1.06 (30.7)
UHX15-59	15 (4.6)	1662 1661	A	–	–	3	2	46.1	46.4	46.8	0.8	34	80	1.06 (30.7)
HSX		High Performance Antennas, Super High Cross Polarization Discrimination Dual Polarized – TEGLAR Long Life Radome Included Antenna Inputs: CPR137G and PDR70												
HSX6-59	6 (1.8)	2424 2422	B	–	–	3	2	38.4	38.8	39.1	1.8	40	72	1.07 (29.4)
HSX8-59	8 (2.4)	2428 2429	A	–	–	3	2	40.9	41.3	41.6	1.4	40	74	1.08 (28.3)
HSX10-59	10 (3.0)	2442 2440	A	–	–	3	2	42.5	42.9	43.2	1.1	40	76	1.08 (28.3)
HSX12-59	12 (3.7)	2444 2446	A	–	–	3	2	44.4	44.7	45.0	0.9	40	78	1.08 (28.3)
HSX15-59	15 (4.6)	2450 2448	A	–	–	3	2	46.3	46.6	46.9	0.8	40	79	1.08 (28.3)
HPX HP		High Performance Antennas – Dual Polarized – Hypalon Radome Included Antenna Inputs: CPR137G and PDR70												
HPX6-59	6 (1.8)	2664	B	–	–	3	2	38.4	38.8	39.1	1.8	30	65	1.07 (29.4)
HPX8-59	8 (2.4)	2678	A	–	–	3	2	40.9	41.3	41.6	1.4	30	69	1.06 (30.7)
HPX10-59	10 (3.0)	2684	A	–	–	2	2	42.7	43.1	43.5	1.1	30	71	1.06 (30.7)
HPX12-59	12 (3.7)	2682	A	–	–	2	2	44.4	44.8	45.2	0.9	30	71	1.06 (30.7)
HPX15-59	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

Continued on next page

5.925 - 6.425 GHz *



Type Number	Diameter ft (m)	RPE Number(s)	101	Regulatory Compliance				Gain, dBi			Beamwidth Degrees	Cross Pol. Disc., dB	F/B Ratio dB	VSWR max. (R.L., dB)
				U.S. FCC 74	78	ETSI Class	ETSI Gain	Low	Mid-Band	Top				
HP		High Performance Antennas - Hypalon Radome Included – Single Polarized Antenna Inputs: CPR137G and PDR70												
HP6-59	6 (1.8)	4446	A	–	–	2	2	38.2	38.6	39.0	1.8	30	62	1.06 (30.7)
HP8-59	8 (2.4)	4454	A	–	–	2	2	41.1	41.5	41.9	1.4	30	66	1.06 (30.7)
HP10-59	10 (3.0)	4462	A	–	–	2	2	42.6	42.9	43.1	1.1	30	69	1.06 (30.7)
HP12-59	12 (3.7)	4470	A	–	–	2	2	44.7	45.0	45.2	0.9	30	71	1.06 (30.7)
HP15-59	15 (4.6)	4478	A	–	–	2	2	46.2	46.5	46.8	0.8	30	71	1.06 (30.7)
HDX		High Performance, Dual Beam Antennas Dual Polarized - TEGLAR Long Life Radome Included – Dual Polarized Antenna Inputs: CPR137G and PDR70												
HDX8-59	8 (2.4)	1750 1751 1752 1753	A	–	–	2/3	2	41.2	41.5	41.8	1.4	26	73	1.06 (30.7)
HDX10-59	10 (3.0)	1758 1759 1760 1761	A	–	–	3	2	42.9	43.2	43.4	1.1	26	74	1.06 (30.7)
HDX12-59	12 (3.7)	1766 1767 1768 1769	A	–	–	3	2	44.6	45.0	45.4	1.0	26	75	1.06 (30.7)
PARX PAR		Standard Antennas - Similar to PL(-)59 Series, Except Meet Category A – Dual Polarized Antenna Inputs: CPR137G and PDR70												
PARX6-59**	6 (1.8)	4377	A	–	–	1	2	37.8	37.9	38.2	1.9	30	60	1.08 (28.3)
PARX8-59**	8 (2.4)	4378	A	–	–	1	2	40.4	40.7	40.9	1.4	30	60	1.08 (28.3)
PARX10-59	10 (3.0)	4379	A	–	–	1	2	42.7	43.1	43.3	1.1	35	60	1.06 (30.7)
PARX12-59	12 (3.7)	4380	A	–	–	1	2	43.3	44.7	45.1	0.9	34	60	1.06 (30.7)
Standard Antennas - Single Polarized Antenna Inputs: CPR137G, PDR70, and UG-343B/U														
PAR6-59**	6 (1.8)	2472	A	–	–	1	2	38.0	38.2	38.4	1.9	30	55	1.06 (30.7)
PAR8-59**	8 (2.4)	2517	A	–	–	1	2	40.4	40.8	41.0	1.4	30	58	1.06 (30.7)
PAR10-59	10 (3.0)	1649	A	–	–	1	2	43.0	43.2	43.4	1.1	30	62	1.06 (30.7)
PAR12-59	12 (3.7)	2366	A	–	–	1	2	44.2	44.6	44.9	0.9	30	63	1.06 (30.7)
PXL PL		Standard Antennas – Dual Polarized Antenna Inputs: CPR137G, PDR70, and UG-343B/U												
PXL6-59	6 (1.8)	2632	–	–	–	1	2	38.4	38.7	39.1	1.8	30	46	1.07 (29.4)
PXL8-59	8 (2.4)	2616	B	–	–	1	2	40.9	41.3	41.6	1.4	30	48	1.06 (30.7)
PXL10-59	10 (3.0)	2618	B	–	–	–	–	42.7	43.1	43.5	1.1	30	49	1.06 (30.7)
PXL12-59	12 (3.7)	2620	B	–	–	1	2	44.4	44.8	45.2	0.9	30	53	1.06 (30.7)
PXL15-59	15 (4.6)	2642	B	–	–	–	–	46.1	46.4	46.8	0.8	30	54	1.06 (30.7)
Standard Antennas – Single Polarized Antenna Inputs: CPR137G, PDR70, and UG-343B/U														
PL4-59	4 (1.2)	2602	–	–	–	–	–	35.0	35.4	35.7	2.7	30	41	1.08 (28.3)
PL6-59	6 (1.8)	4450	B	–	–	1	2	38.7	39.1	39.5	1.8	30	46	1.06 (30.7)
PL8-59	8 (2.4)	4458	B	–	–	1	2	41.2	41.6	42.0	1.4	30	48	1.06 (30.7)
PL10-59	10 (3.0)	4466	B	–	–	–	–	42.9	43.3	43.6	1.1	30	51	1.06 (30.7)
PL12-59	12 (3.7)	4474	B	–	–	1	2	44.7	45.0	45.2	0.9	30	52	1.06 (30.7)
PL15-59	15 (4.6)	4482	B	–	–	1	2	46.3	46.7	47.7	0.8	30	53	1.06 (30.7)
FPX FP		Focal Plane Antennas – Dual Polarized Antenna Inputs: CPR137G, PDR70, and UG-343B/U												
FPX8-59	8 (2.4)	6111	–	–	–	–	–	40.1	40.4	40.6	1.4	27	64	1.07 (29.4)
FPX10-59	10 (3.0)	6113	A	–	–	2	2	42.3	42.6	42.7	1.1	28	66	1.06 (30.7)
FPX12-59	12 (3.7)	6115	–	–	–	–	–	44.0	44.4	44.5	0.9	28	68	1.06 (30.7)
Focal Plane Antennas – Single Polarized Antenna Inputs: CPR137G and PDR70														
FP8-59	8 (2.4)	6103	A	–	–	1	2	40.3	40.6	40.8	1.4	28	64	1.06 (30.7)
FP10-59	10 (3.0)	6105	A	–	–	2	2	42.5	42.8	42.9	1.1	28	66	1.04 (34.2)
FP12-59	12 (3.7)	6107	A	–	–	2	2	44.2	44.6	44.7	0.9	28	68	1.04 (34.2)

Reference ETSI Document EN300833 for 3 to 60 GHz

* Multiband antennas are available in this frequency range. See page 93-94.

** Uses focal plane type reflector and feed system.



5.925 - 6.425 GHz *

3.925 - 6.425 GHz										
Type Number	Diameter ft (m)	RPE Number(s)	Regulatory Compliance**	Low	Gain, dBi Mid-Band	Top	Beamwidth Degrees	Cross Pol. Disc., dB	F/B Ratio dB	VSWR max. (R.L., dB)
LBX		Low Back Lobe Antennas - Dual Polarized Antenna Inputs: CPR137G and PDR70								
LBX6-59***	6 (1.8)	962	B	38.3	38.7	39.0	1.8	33	54	1.07 (29.4)
LBX8-59***	8 (2.4)	538-1	B	40.9	41.3	41.6	1.4	33	60	1.06 (30.7)
LBX10-59***	10 (3.0)	536-3	B	42.6	43.0	43.3	1.1	33	65	1.06 (30.7)
LBX12-59***	12 (3.7)	537-5	B	44.4	44.8	45.1	0.9	33	62	1.06 (30.7)

5.925 - 7.125 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 k Pa).

Type Number	Diameter ft (m)	RPE Number(s)	Regulatory Compliance						Gain, dBi Mid-Band	Beamwidth Degrees	Cross Pol. Disc., dB	F/B Ratio dB	VSWR max. (R.L., dB)	
			101	U.S. FCC 74	78	ETSI Class	ETSI Gain	Low						
UHX UHP		Ultra High Performance/Wide Band Antennas – Dual Polarized Antenna Inputs: CPR137G and PDR70												
UHX6-59W	6 (1.8)	1022 3303	A	A	–	3	2	37.5	38.8	39.5	1.8	36	67	1.08 (28.3)
UHX8-59W	8 (2.4)	1115 1116	A	A	–	2	2	41.0	41.7	42.3	1.4	36	68	1.08 (28.3)
UHX10-59W	10 (3.0)	1118 1117	A	A	–	2	2	42.5	43.2	43.8	1.2	36	71	1.08 (28.3)
UHX12-59W	12 (3.7)	1119 1120	A	A	–	3	2	44.1	44.8	45.4	1.0	36	74	1.08 (28.3)
		Ultra High Performance/Wide Band Antennas – Single Polarized Antenna Inputs: CPR137G and PDR70												
UHP6-59W	6 (1.8)	3492 3494	B	B	–	3	2	38.4	39.3	39.9	1.8	35	75	1.06 (30.7)
UHP8-59W	8 (2.4)	3496 3506	A	A	–	3	2	40.9	41.9	42.2	1.5	35	78	1.06 (30.7)
UHP10-59W	10 (3.0)	3498 3500	A	A	–	3	2	42.4	43.3	43.7	1.3	35	78	1.06 (30.7)
UHP12-59W	12 (3.7)	3502 3508	A	A	–	3	2	44.3	45.2	45.5	1.0	35	80	1.06 (30.7)
HP		High Performance/Wide Band Antennas Antenna Inputs: CPR137G and PDR70												
HP6-59W	6 (1.8)	4445	–	–	–	–	–	38.2	39	39.8	1.8	32	66	1.06 (30.7)
HP8-59W	8 (2.4)	4453	B	A	–	2	2	41.0	41.7	42.5	1.5	35	66	1.06 (30.7)
HP10-59W	10 (3.0)	4461	A	A	–	2	2	42.6	43.1	43.8	1.2	33	69	1.06 (30.7)
HP12-59W	12 (3.7)	4469	A	A	–	2	2	44.3	45	45.7	0.9	32	66	1.06 (30.7)
HP15-59W	15 (4.6)	4477	A	A	–	2	2	46.2	46.9	47.6	0.8	30	71	1.06 (30.7)
PARX		Standard/Wide Band Antennas – Dual Polarized Antenna Inputs: CPR137G, PDR70, and UG-343B/U.												
PARX6-59W	6 (1.8)	4371	A	A	–	1	2	37.8	38.3	38.7	1.8	30	59	1.12 (24.9)
PARX8-59W	8 (2.4)	4372	A	A	–	1	2	40.4	40.7	40.9	1.6	30	60	1.10 (26.4)
PARX10-59W	10 (3.0)	4373	A	A	–	1	2	42.7	43.3	44.0	1.1	35	60	1.15 (23.1)
PAR		Standard/Wide Band Antennas – Single Polarized Antenna Inputs: CPR137G, PDR70, and UG-343B/U.												
PAR6-59W	6 (1.8)	2480	A	A	–	1	2	38.0	38.7	39.0	1.8	30	59	1.08 (28.3)
PAR8-59W	8 (2.4)	2572	A	A	–	1	2	40.4	41.0	41.6	1.4	30	58	1.06 (30.7)
PAR10-59W	10 (3.0)	1279	A	A	–	1	2	43.0	43.4	43.8	1.1	30	62	1.06 (30.7)
PAR12-59W	12 (3.7)	2578	A	A	–	1	2	44.2	44.9	45.7	0.9	30	63	1.06 (30.7)
PL		Standard/Wide Band Antennas – Single Polarized Antenna Inputs: CPR137G and PDR70.												
PL6-59W	6 (1.8)	4449	B	B	–	–	–	38.7	39.5	40.2	1.8	35	46	1.06 (30.7)
PL8-59W	8 (2.4)	4457	B	A	–	–	–	41.2	42	42.8	1.4	35	51	1.06 (30.7)
PL10-59W	10 (3.0)	4465	B	B	–	–	–	42.7	45.3	43.9	1	33	55	1.06 (30.7)
PL12-59W	12 (3.7)	4473	B	A	–	1	2	44.6	45.2	45.9	1	33	60	1.06 (30.7)
PL15-59W	15 (4.6)	4481	B	B	–	1	2	46.3	47.0	47.7	0.8	30	57	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.

ANATEL Telecommunications Agency, Regulation 1286 Category *8 lb/in² (56 kPa) maximum



Customer Service Center - Call toll-free from: • U.S.A., Canada and Mexico 1-800-255-1479