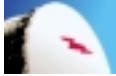
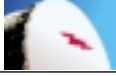






8.2 - 8.5 GHz

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).
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	U.S. FCC 74	U.S. FCC 78	ETSI Class	ETSI Gain	ETSI Low						
HSX		High Performance Antennas - Super High Cross Polarization Discrimination – Dual Polarized Antenna Inputs: CPR112G and PDR84												
HSX4-82	4 (1.2)	1799, 1810	-	-	-	3	2	37.5	37.6	37.7	2.3	40	63	1.08 (28.3)
HSX6-82	6 (1.8)	1222 1224	-	-	-	3	2	41.3	41.4	41.7	1.4	40	67	1.06 (30.7)
HSX8-82	8 (2.4)	1226 1228	-	-	-	3	2	43.7	43.8	43.9	1.0	40	78	1.06 (30.7)
HSX10-82	10 (3.0)	1230 1232	-	-	-	3	2	45.3	45.4	45.5	0.8	40	78	1.06 (30.7)
HSX12-82	12 (3.7)	1236 1234	-	-	-	3	2	47.1	47.2	47.3	0.7	40	79	1.06 (30.7)
HSX15-82	15 (4.6)	1238 1240	-	-	-	3	2	48.7	48.8	48.9	0.6	40	76	1.06 (30.7)
HPX HP		High Performance Antennas – Dual Polarized Antenna Inputs: CPR112G and PDR84												
HPX6-82	6 (1.8)	2883	-	-	-	1	2	41.0	41.1	41.2	1.3	30	58	1.08 (28.3)
HPX8-82	8 (2.4)	2863	-	-	-	2	2	43.5	43.6	43.7	1.0	30	67	1.06 (30.7)
HPX10-82	10 (3.0)	2865	-	-	-	2	2	45.5	45.6	45.7	0.8	30	70	1.06 (30.7)
HPX12-82	12 (3.7)	2867	-	-	-	2	2	47.1	47.2	47.3	0.7	30	70	1.06 (30.7)
HPX15-82	15 (4.6)	2869	-	-	-	2	2	48.7	48.8	48.9	0.6	30	70	1.06 (30.7)
		High Performance Antennas – Single Polarized Antenna Inputs: CPR112G and PDR84												
HP6-82	6 (1.8)	2882	-	-	-	2	2	40.6	40.8	41.0	1.5	30	68	1.06 (30.7)
HP8-82	8 (2.4)	2891	-	-	-	2	2	43.4	43.5	43.7	1.1	30	68	1.06 (30.7)
HP10-82	10 (3.0)	2893	-	-	-	2	2	45.3	45.5	45.7	0.9	30	70	1.06 (30.7)
HP12-82	12 (3.7)	2895	-	-	-	2	2	46.8	47.0	47.1	0.7	30	71	1.06 (30.7)
HP15-82	15 (4.6)	2889	-	-	-	2	2	48.6	48.8	48.9	0.6	30	71	1.06 (30.7)
PXL PL		Standard Antennas – Dual Polarized Low VSWR Antenna Inputs: CPR112G and PDR84												
PXL6-82	6 (1.8)	2851	-	-	-	-	-	41.0	41.1	41.2	1.3	30	48	1.06 (30.7)
PXL8-82	8 (2.4)	2853	-	-	-	1	2	43.7	43.8	43.9	1.0	30	55	1.06 (30.7)
PXL10-82	10 (3.0)	2855	-	-	-	1	2	45.7	45.8	45.9	0.8	30	57	1.06 (30.7)
PXL12-82	12 (3.7)	2857	-	-	-	1	2	47.3	47.4	47.5	0.7	30	63	1.06 (30.7)
PXL15-82	15 (4.6)	2859	-	-	-	1	2	48.5	48.6	48.7	0.6	30	65	1.06 (30.7)
		Standard Antennas – Single Polarized Low VSWR Antenna Inputs: CPR112G and PDR84												
PL6-82	6 (1.8)	2871	-	-	-	1	2	40.6	40.8	41.0	1.5	30	48	1.06 (30.7)
PL8-82	8 (2.4)	2897	-	-	-	1	2	43.4	43.5	43.7	1.1	30	50	1.06 (30.7)
PL10-82	10 (3.0)	2899	-	-	-	1	2	43.3	45.5	45.7	0.9	30	58	1.06 (30.7)
PL12-82	12 (3.7)	2901	-	-	-	1	2	46.8	47.0	47.1	0.7	30	54	1.06 (30.7)
PL15-82	15 (4.6)	2903	-	-	-	1	2	48.6	48.8	48.6	0.6	30	57	1.06 (30.7)
LBX		Low Back Lobe Antennas – Dual Polarized Antenna Inputs: CPR112G and PDR84												
		Regulatory Compliance**												
LBX6-82*	6 (1.8)	786-1	-	-	B	-	-	40.9	41.1	41.2	1.5	33	58	1.07 (29.4)
LBX8-82*	8 (2.4)	787-2	-	-	B	-	-	43.6	43.8	43.9	1.1	33	60	1.06 (30.7)
LBX10-82*	10 (3.0)	788-2	-	-	B	-	-	45.6	45.8	45.9	0.9	33	63	1.06 (30.7)
LBX12-82*	12 (3.7)	789-2	-	-	B	-	-	46.9	47.1	47.2	0.7	33	65	1.06 (30.7)

Reference ETSI Document EN300833 for 3 to 60 GHz

*8 lb/in² (56 kPa) maximum

**ANATEL Brazilian Telecommunications Agency, Regulation 1286 Category

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