






7.725 - 8.275 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 8 lb/in² (56 kPa).

ValuLine® Antennas. See page 127.

Type Number	Diameter ft (m)	RPE Number(s)	Regulatory Compliance***				Low	Gain, dBi		Top	Beamwidth Degrees	Cross Pol. Disc., dB	F/B Ratio dB	VSWR max. (R.L., dB)
HPX		High Performance Antennas – Dual Polarized Antenna Inputs: CPR112G and PDR84												
HPX6-77*	6 (1.8)	4652	–	–	A	–	–	40.5	40.8	41.1	1.5	33	66	1.07 (29.4)
HPX8-77*	8 (2.4)	4653	–	–	A	–	–	43.2	43.5	43.8	1.1	33	68	1.06 (30.7)
HPX10-77*	10 (3.0)	4654	–	–	A	–	–	44.9	45.2	45.5	0.9	33	70	1.06 (30.7)
HPX12-77*	12 (3.7)	4655	–	–	A	–	–	46.4	46.7	47.0	0.7	33	72	1.06 (30.7)
PXL		Standard Antennas – Dual Polarized Low VSWR Antenna Inputs: CPR112G and PDR84												
PXL6-77**	6 (1.8)	–	–	–	B	–	–	40.3	40.6	40.9	1.5	33	48	1.07 (29.4)
PXL8-77**	8 (2.4)	–	–	–	B	–	–	42.8	43.1	43.4	1.1	33	50	1.06 (30.7)
PXL10-77**	10 (3.0)	–	–	–	B	–	–	44.7	45.0	45.3	0.9	33	54	1.06 (30.7)
PXL12-77**	12 (3.7)	–	–	–	B	–	–	46.6	46.9	47.2	0.7	33	63	1.06 (30.7)
LBX		Low Back Lobe Antennas – Dual Polarized Antenna Inputs: CPR112G and PDR84												
LBX6-77**	6 (1.8)	–	–	–	B	–	–	40.3	40.8	41.1	1.5	33	56	1.07 (29.4)
LBX8-77**	8 (2.4)	–	–	–	B	–	–	42.8	43.1	43.4	1.1	33	60	1.06 (30.7)
LBX10-77**	10 (3.0)	–	–	–	B	–	–	44.9	45.2	45.5	0.9	33	66	1.06 (30.7)
LBX12-77**	12 (3.7)	–	–	–	B	–	–	46.4	46.7	47.0	0.7	33	67	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.

**8 lb/in² (56 kPa) maximum

***ANATEL Brazilian Telecommunications Agency, Regulation 1286 Category