



RF System Performance

Chassis Model	Redundancy	Gain Maximum (dB)	Gain Minimum (dB)	Slope Compensation (dB)	Noise Figure (dB)	1dB Gain Compression Point (dBm)	Input Return Loss (dB)	Output Return Loss (dB)
ALT-C300-1U-x5x5	1+1	35.00 ± 1.5	5.00 ± 1.5	0 to 7.00	9.5	15.5	14	14
ALT-C300-1U-x7x7	1+1	35.00 ± 1.5	5.00 ± 1.5	0 to 6.00	9.5	15.5	13	13
ALT-C301-1U-x5x5	1+1	29 ± 1.5 dB	-1 ± 1.5 dB	0 to 7.00	15.5	15.5	13	13
ALT-C303-2U -x5x5	2+1	30.00 ± 1.5	0.00 ± 1.5	0 to 5.00	12.5	13.5	13	13
ALT-C304-2U-x5x5	4+2	30.00 ± 1.5	0.00 ± 1.5	0 to 5.00	12.5	13.5	13	13
ALT-C304-2U-x7x7	4+2	29.50 ± 1.5	-0.50 ± 1.5	0 to 5.00	12.75	13.8	13	13
ALT-C305-5U-x5x5	Quad 4+1	30.00 ± 1.5	0.00 ± 1.5	0 to 5.00	12.5	14	13	13
ALT-C305-5U-x5x5	Quad 4+1	29.50 ± 1.5	-0.50 ± 1.5	0 to 5.00	12.75	12.8	13	13
ALT-C306-5U-x5x7	Quad 4+1	29.00 ± 1.5	-1.00 ± 1.5	0 to 5.00	12.5	14.5	12	13
ALT-C306-5U-x7x5	Quad 4+1	29.00 ± 1.5	-1.00 ± 1.5	0 to 5.00	12.5	14.5	12	13
ALT-C307-5U-x7x7	Quad 4+1	29.00 ± 1.5	-1.00 ± 1.5	0 to 5.00	12.5	12	12	13
ALT-C310-1U-x5x5	Dual 1+1	35.00 ± 1.5	5.00 ± 1.5	0 to 7.00	9.5	15.5	14	14
ALT-C310-1U-x7x7	Dual 1+1	35.00 ± 1.5	5.00 ± 1.5	0 to 6.00	9.5	15.5	13	13
ALT-C311-1U -x5x5	1+1	35.00 ± 1.5	5.00 ± 1.5	0 to 7.00	9.5	15.5	14	14
ALT-C311-1U -x7x7	1+1	35.00 ± 1.5	5.00 ± 1.5	0 to 6.00	9.5	15.5	13	13
ALT-C313-2U-x5x5	2+1	36.00 ± 1.5	6.00 ± 1.5	0 to 7.00	10	16	13	13
ALT-C315-2U	2+1	33.00 ± 1.5	3.00 ± 1.5	3.00 ± 1.5	10.5	14.5	13	13
ALT-C318-1U-x5x5	1+1	37.00 ± 1.5	7.00 ± 1.5	0 to 7.00	9.5	16.5	14	14
ALT-C319-1U-x5x5	1+1	35.00 ± 1.5	5.00 ± 1.5	0 to 7.00	10.5	15.5	13	13
ALT-C320-1U-x5x5	1+1	37.00 ± 1.5	7.00 ± 1.5	0 to 7.00	9.5	16.5	14	14

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

