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Dok namn/Doc name PRODUCT SPECIFICATION			Fil/file ALR1200-901_F.doc		

COMPACT repeater with adjustable bandwidth 900 MHz version, EGSM, 15 MHz BW Product Number: ALR1200/901

1. Electrical specification (typical values)

The repeater complies with the requirements of ETS 300 609-4

Frequency tuning band Up link	880 – 915	MHz
Frequency tuning band Down link	925 – 960	MHz
Filter bandwidth standard, adjustable	0.5 – 15	MHz
Filter setting resolution	25	kHz
Duplex spacing	45	MHz
Gain adjustment range	55-70	dB
Gain (max variation –25 to +55 °C)	5	dB
Gain step resolution	1	dB
Filter sensitivity @ 400 kHz offset	> 20	dB
Filter sensitivity @ 600 kHz offset	> 30	dB
Filter sensitivity @ 1 MHz offset	> 35	dB
Output power, PEP	+ 25	dBm
Output power, 2 carrier	+ 19	dBm/carrier
Pass band ripple	5	dB
Max absolute group delay	6	µs
Noise figure at 70 dB gain, 25° C	8	dB
Maximum input power	+13	dBm
Receiver input port return loss	14	dB
Power supply voltage	85 - 265	VAC
Power consumption	55	W

2. Environmental specification

Temperature range	-13 to + 131	°F
Temperature range	-25 to + 55	°C
Casing class	NEMA4/IP65	

3. Mechanical specification

Dimensions. (W x H x D)	15.2 x 15.2 x 4.3	Inches
	385 x 385 x 110	mm
Mechanical outline	See Compact Low	
Weight	< 22	lbs
	< 10	kg
RF-connectors	N-type female	
Lock type	Allgon Safety bolts	