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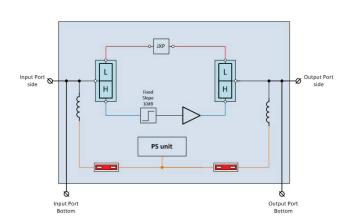
DBA-1200 repeater amplifier

- > 12dB gain 10dB fixed slope
- > Passive return path
- > 65/85 band split
- **>** Power passing
- > Regal style housing
- > Low power consumption



Forward path		
Frequency range	85 - 1218 MHz	
Gain at 1.2 GHz	12db +/- 0.5dB	
Flatness 85-1218 MHz	+/- 1dB	
Noise figure at 1.2 GHz	<8dB	
Slope	fixed 10dB	
Output level (with 42 CENELEC load):		
CSO	66dB 1 with 97dBµV @ 1.2GHz / 10dB slope	
СТВ	70dB 1 with 97dBµV @ 1.2GHz / 10dB slope	
Return loss	>18dB min >13dB ²	
Return path		
Frequency range	5-65MHz upgradable to 204MHz by cover replacement (fixed diplex)	
Flatness	+/- 1dB (5- 65MHz or 204MHz)	
Return loss	>18dB	
Gain (passive)	 -2.5dB up to 65MHz (or 204MHz) 	
General		
Housing dimensions (LxHxD)	132x124x65mm	
Weight	500g	
Circuits	RF board and PSU loacted in the cover	
Voltage range (remote powering)	30-65VAC sine or square	
Max current RF ports	7A	
HUM modulation	≤ -70 dBc	
Power and RF interuption	By removing the cover	
Power insertion	Possible at all RF ports	
Output fuse	Mini fuse at input and output	
Power consumption	2.5W typical	
Temperature range (within spec)	40°C to +60°C	
Operating temperature range	-40°C to +70°C	
Connectors/RF ports	5/8" side and bottom entry / screw connection	
Protection class EN60529	IP67	
Strand and pedestal mounting Mounting screw (stainless steel)	Mounting clamp diameter 0.6-0.9mm 10mm hex head	
Mounting screw cover	8mm hex head	
Central conductor fixing screw	Combined 5mm hex, Cross PH2 head	
Non used RF ports (blanking)	13mm hex head	





Pon	narks	
Ren	Measurements taken at room temperature	
1	Measured at 37dBmV @ 1218MHz / 10dB slope	
2	-1.5 dB per octave > 40 MHz	
Ordering information		
Iter	n Name	DBA-1200
Article number		19008112

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