



Evolution Wireless Digital

EW-D ASA | Active Antenna Splitter



EW-D ASA

Active Antenna Splitter for use with Evolution Wireless Digital and other digital wireless systems.

FEATURES

- Full diversity antennae distribution for up to 4 digital receivers
- Half diversity antennae distribution for up to 8 digital receivers
- Fully supports Evolution Wireless Digital's Link Density mode
- Provides 12v forward power to active antennae or antenna boosters

SPECIFICATIONS

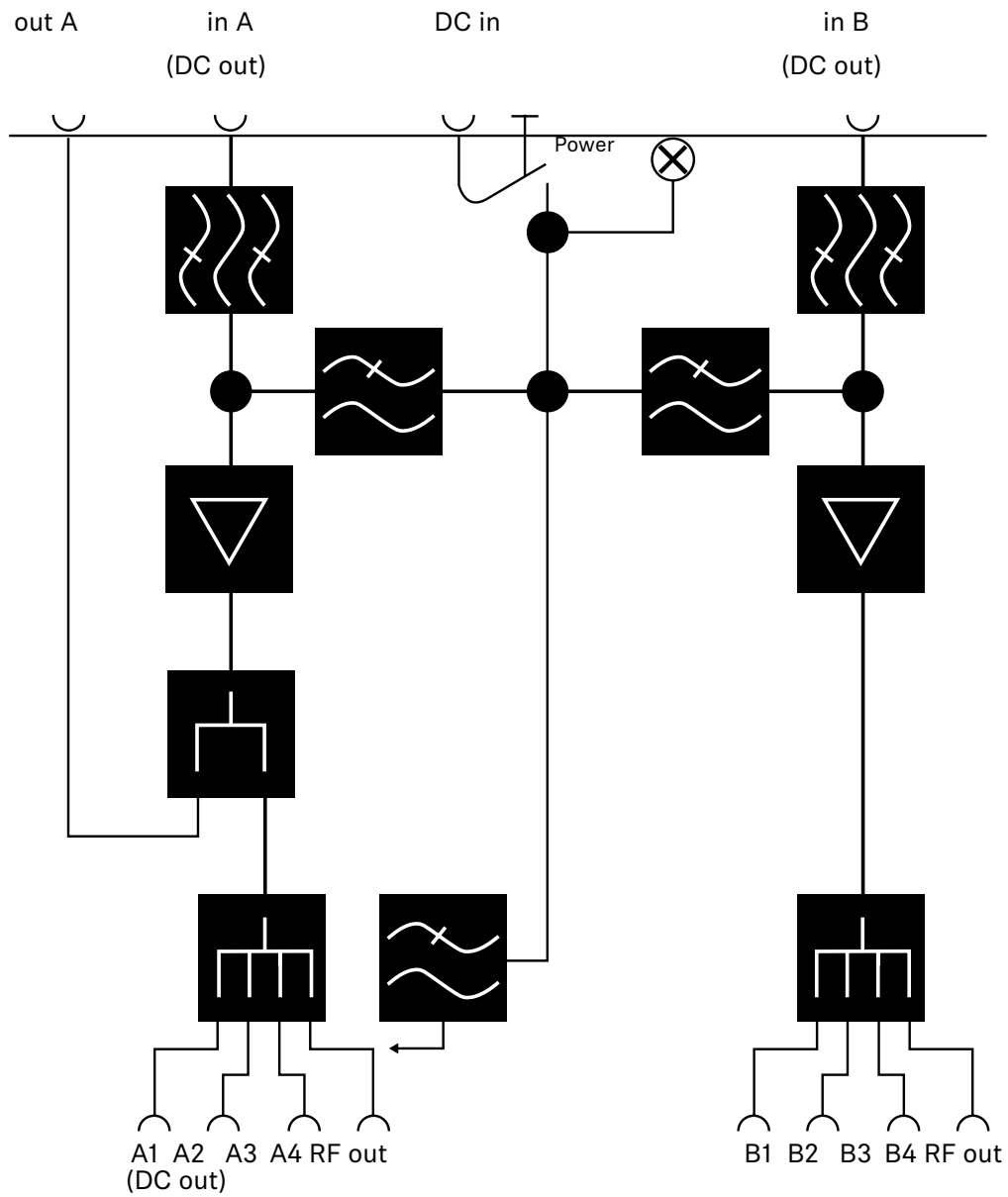
Frequency ranges	EW-D ASA (Q-R-S): 470 – 694 MHz EW-D ASA CN/ANZ (Q-R-S): 470 – 694 MHz EW-D ASA (T-U-V-W): 694 – 1075 MHz EW-D ASA (X-Y): 1350 – 1805 MHz	Current consumption	210 mA
Antenna splitter	2 x 1:4 or 1 x 1:8, active	Total current consumption	max. 3 A (with 4 EW-D EM and connected EW-D AB)
Gain	in A – out A: 0 ± 1 dB in A – out A1 ... A4: 0 ± 1 dB in B – out B1 ... B4: 0 ± 1 dB	Supply for antenna boosters at ANT RF in A and ANT RF in B	DC 12 V 320 mA
IIP3	> 25 dBm	Supply for receivers at A1 to A4	DC 12 V Typically 350 mA, max. 500 mA
Impedance	50 Ω	Dimensions	Approx. 212 x 168 x 43 mm (8.35" x 6.61" x 1.69")
Reflection loss	10 dB (all RF outputs)	Weight	Approx. 1100 g (2.43 lbs)
Operating voltage	DC +12 V from NT 12-35 CS power supply unit	Operating temperature range	-10 °C - +55 °C (14 °F - 131 °F)
		Storage temperature range	-20 °C - +70 °C (-4 °F - 158 °F)
		Relative humidity	5 - 95 % (non-condensing)



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BLOCK DIAGRAM



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DIMENSIONS

