

### TSAN 004 POWER SUPPLY

#### Dataradio Technical Support

For additional assistance: [www.dataradio.com](http://www.dataradio.com)

Within the U.S.A.	1-800-992-7774	International	1-507-833-8819
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**Product:** All Dataradio COR Ltd. Products.

**Application:** Power supply specifications for Dataradio COR Ltd. products. These are typical specifications and may be amended as needed for special environmental or operating requirements. They are intended to give basic information regarding the DC power supply requirements of the Dataradio COR Ltd. products.

**Output voltage:** 13.3 Volts DC +/- 0.5V

**Output current:** 3.0 Amps typ.

**Line regulation:** +/- 5%

**Load regulation:** +/- 5%

**Overload protection:** Circuit breaker or fuse (fast acting) 2.5 Amp

**Output ripple:** 100 mV max

**Design:** Linear or switch mode: the output must be clean and not generate interference at RF frequencies and it must be stable at all loads from zero to full. The power supply should be immune from RF induced changes in output, stability or performance.

**Operating Temp:** Can match radio spec of -30 to +60 degrees C) or application requirement

**Connection:** As required by application. Refer to appropriate equipment manual for correct wiring requirements.