Broadband Amplifier Line from Teseq Offers Low Distortion, Reliability

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Teseq [1] (Edison, NJ) has expanded its broadband amplifier line to include a Class A linear and low distortion model that operates from 10 kHz to 400 MHz with a rated power level of 260 watts. Used in commercial or in-house EMC test laboratories, the CBA 400M-260 is ideal for automotive, military and aerospace BCI (bulk current injections) applications that require testing at higher levels. Like other Teseq broadband amplifiers in its class, the CBA 400M-260 uses gallium arsenide (GaAs) integrated circuit technology to provide better compression characteristics and increased efficiency compared to silicon-based power amplifiers. This amplifier reduces overall power consumption. The new CBA 400M-260 is designed for demanding EMC testing environments with non-ideal load conditions due to mismatch caused by the coupling device or equipment under test (EUT) in an antenna's path, making it ideal for automotive, military and aerospace BCI EMC testing. Features include:

- Switched mode power supply for high efficiency.
- Integral fans built into the amplifier for cooling.
- Excess temperature sensor prevents possible damage.
- Two safety interlock BNC connectors.
- Harmonics better than -20 dBc at 210 W output.
- Operating temperature ranges from 0º to 40ºC (32ºF to 104ºF).

For more information visit www.teseq.com [1].

Source URL (retrieved on *10/22/2014 - 9:59pm*):
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Links:
[1] http://www.teseq.com