



## AE-AN-TR-012-TR Multicoax Series Power Handling Capabilities

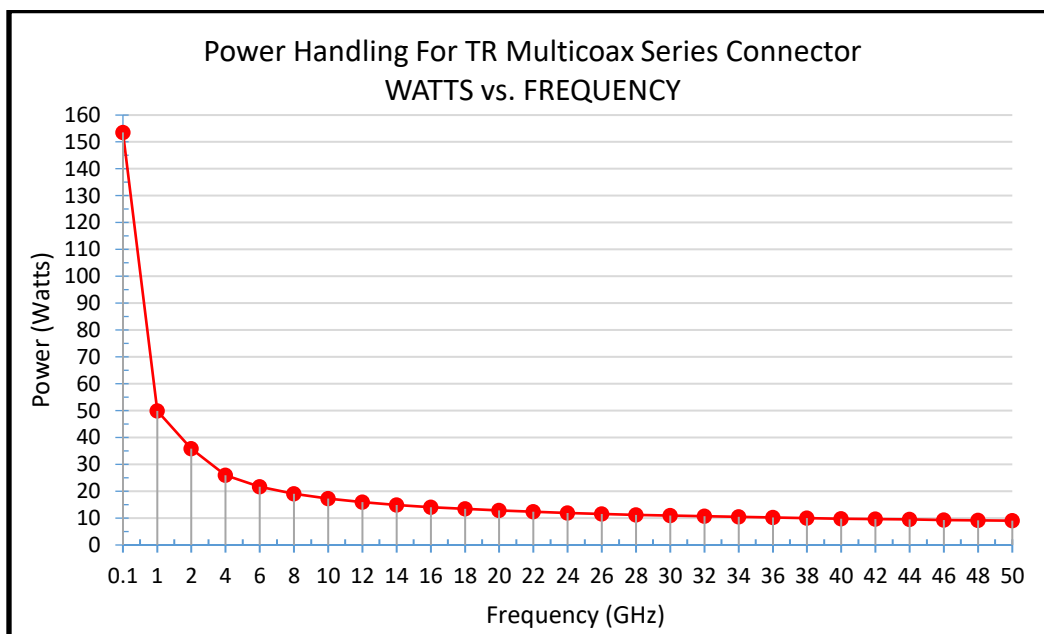
**Purpose:**

This application note provides details regarding the TR Multicoax Connector Series power handling capabilities.

Amphenol Ardent Concepts' patented TR-Series compression mount high frequency connector assembly stands alone as the only industry solution for high density multi-coaxial cable assembly capable of measurements up to 70 GHz. The TR Multicoax Series connector has been used in a variety of applications including RF and DC power amplification devices.

For power amplification scenarios, it is important to know how much power the TR Multicoax series connector can handle. See the charts below which show the power handling capabilities over the frequency domain.

*NOTE:* The charts are shown as Watts vs. Frequency and dBm vs. Frequency for DC and RF applications respectively.

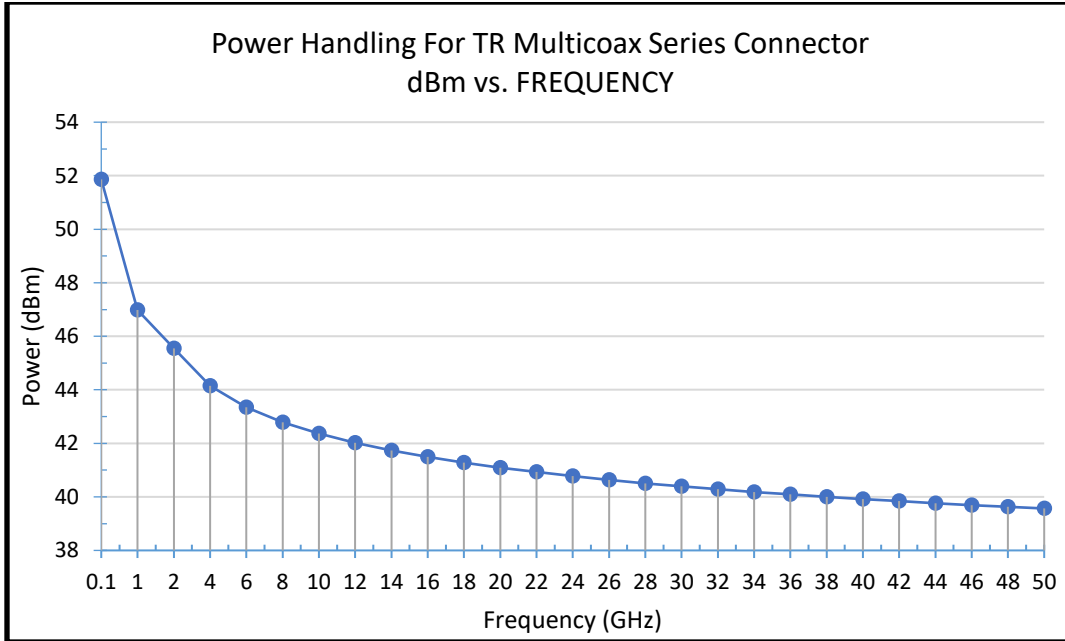


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## Who Is Amphenol Ardent Concepts?

Amphenol Ardent Concepts is a leading designer and manufacturer of high performance multicoax and coaxial assemblies, connectors, and sockets used in the development of next generation semiconductors and electronics systems. Our core technology is the smallest, fastest, most electrically efficient compression mount connector technology worldwide. As data rate requirements increase and devices and systems shrink, Ardent's products deliver superior signal integrity in a dense footprint that can be reusable across programs to maximize cost savings.

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