



## AE-AN-TR-014-TR Multicoax Series TR to TR

### Purpose:

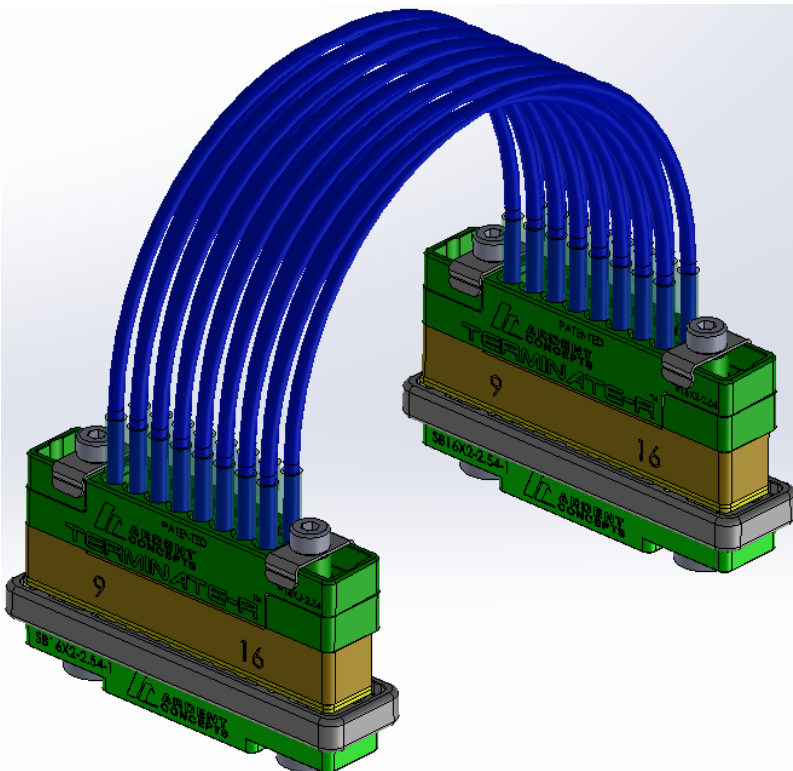
This application note describes design and use of the TR to TR product.

### Design Outline:

The TR to TR device is part of the TR Multicoax Series family of standard parts.

The TR to TR device incorporates (2) high density ganged block assemblies on either end of a length and number of coaxial style cables.

Available in a number of shapes and sizes, the TR multicoax provides the ability to save board real-estate and incorporate high density solderless connections to both ends of the coaxial assembly transmission line.



[Amphenol Ardent Concepts](http://www.ardentconcepts.com)

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## **Applications:**

The TR to TR product is useful in many of the same ways as the standard device which breaks out to single coaxial connectors.

Utilizing the same compression mount solderless technology, this product boasts the same advantages as the standard product.

This product is great for connecting two separate boards.

During DVT, one might use a standard TR product to break out high speed signals to a VNA.

Further in the design and test, one may now want to connect the same board to another board to show overall system compliance.

Since the footprint is the same one can simply use the TR to TR when needed to connect the test board to another for compliance test.

We offer the TR to TR device in the following configurations

8 channel, Straight Mount to Straight Mount, Right angle to Straight Mount and Right angle to Right Angle

16 Channel, Straight Mount to Straight Mount

Please consult the factory for other options.

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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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