



High-Density 40 GHz +
Multi-Coax Cable Termination



TERMINATE-R™



Space Saving

The Terminate-R™ 16 channel assembly is small enough to occupy a tiny footprint on your PCB, saving you precious real estate and getting as close as possible to the DUT with your cables.

Compression Mount

As a compression mount solution, Terminate-R™ allows Engineers to easily remove it from the board, move it to another site, and use planar probes to de-embed the losses in their reference design PCB.

Signal Integrity

Terminate-R™ provides the lowest loss access to signal path at the highest densities. Measured data proves a <-2dB insertion loss to 40 GHz, a return loss of <-20dB through 20 GHz and ≤ -15dB through 40 GHz.

Electrical

Range	DC up to 40 GHz +
Return Loss	-20 dB through 20 GHz
Insertion Loss	-2 dB through 40 GHz
Crosstalk or Coupling Interference	-50 dB through 40 GHz
Impedance	50 Ω +/- 2.5
Phase Matching	+/- 2 ps

Microstrip and Stripline Launch Options Available

Mechanical

Pitch	4mm and 2.54mm
Form Factor	Compression Mounts to Board
Cabling	.047" diameter Teledyne Storm Cables
Interface (Cable end to Equipment)	Female or Male SMK (2.92mm) or V (1.85mm)
Insertion Life	1,000

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