



High-Density 40 GHz + Cable Termination Anywhere



TERMINATE-R™

Space Saving Footprint

The Terminate-R™ 16 channel assembly is small enough to occupy a tiny 1.8" x .75" 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 and use planar probes to de-embed the losses in their reference design PCB. Terminate-R can be moved from site to site, eliminating expensive solder down connectors.

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 and a return loss of <-20dB through 20 GHz.

Electrical

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

Microstrip and Stripline Launch Options Available

Mechanical

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