

TABLE A CONNECTOR TYPES AND MATES

Connector type	Maximum connector bandwidth (GHz)	Mates with
1.85 mm (V) ¹	67	2.4 mm
2.4 mm (S)	50	1.8 mm
2.92 mm (K)	40	3.5 mm, SMA ²
3.5 mm	26.5 or 34	2.92 mm, SMA
SMA	18 or 26.5	3.5 mm, 2.92 mm

Notes:

¹ The 80E10 comes with an S-to-K connector adapter to enable compensation only. The V connector mates directly with the S connector, and the K connector mates directly with a 3.5-mm or an SMA connector. Using this adapter to perform measurements results in degradation of the module's performance.

² SMA connectors are common and less expensive. However, their dimensions and performance are less precisely maintained than those of the other precision microwave connectors. Continuous mating of SMAs with precision microwave connectors can increase wear and degrade performance of the precision connectors.