

Connector	Coupling Torque (N-cm/in-lb)	Width Across Coupling Nut Wrench Flats	Agilent Torque Wrench #	Agilent Open Ended Wrench # & Size ¹	
7 mm	135/12	3/4"	8710-1766	8710-1770	1/2"
Type-N 50 ohm ²	135/12	3/4"	8710-1766	8710-1770	9/16"
Type-N 75 ohm ²	135/12	3/4"	8710-1766	8710-1770	9/16"
3.5 mm standard ³	90/8	5/16"	8710-1765	8710-1761	7 mm
				8710-0510	5/16"(8 mm)
3.5 mm NMD ⁴	90/8	20 mm	8710-1764	8710-1770	9/16"
				08513-20014	Spanner Wr.
2.92 mm standard	90/8	5/16"	8710-1765	8710-1761	7 mm
2.4 mm standard ³	90/8	5/16"	8710-1765	8710-1761	7 mm
				8710-0510	5/16"(8 mm)
2.4 mm NMD ⁴	90/8	20mm	8710-1764	8710-1770	1/2"
				08513-20014	Spanner Wr.
1.85 mm	90/8	5/16"	8710-1765	8710-0510	5/16"(8 mm)
1.0 mm	34/3	6 mm	8710-2079		
SMA ⁵	56/5	5/16"	8710-1582		
TNC	56/5	no spec.	-		
BNC	N/A	N/A	-		
SMC	34-45/3-4	no spec.	-		
SMB	N/A	N/A	-		
Type-F	168/15	12 mm	-		
Type-FD	168/15	12 mm	-		
Type 7-16	2500-3000/ 222-267	no spec.	-		

¹ When mating two connectors it is important to keep the connectors from rotating relative to one another. On many connectors open-ended wrenches can be used on wrench flats on the outer bodies of the connector to help restrict rotation. This column lists the common wrench flat widths for many Agilent connector components, and wrench part numbers when available. There will be exceptions to this list, and connector components made by suppliers other than Agilent are unlikely to use the same wrench flat dimensions.

² Type-N connectors can be tightened hand tight, but for better repeatability they should be torqued to 135 N-cm.

³ The 5/16" head of the 8710-0510 wrench will need to be ground thinner for some applications.

⁴ NMD connectors are rugged test port or cable connectors.

⁵ A 56 N-cm. torque wrench should be used to connect male SMA connectors to either 3.5-mm or 2.92-mm connectors. A 90 N-cm torque wrench should be used to connect male 3.5-mm or male 2.92-mm connectors to mating female connectors.