

APPLICATION NOTE TORQUE SPECIFICATIONS FOR RF CONNECTORS



RF Connector Torque Recommendations

DESCRIPTION

Tightening an RF connector to a proper torque specification is critical to the overall performance of the RF path. Not tightening a connector enough can cause issues as can over tightening the connector as well. Below is a chart shows the minimum torque specification as well as a recommended torque specification.

Connector	Minimum Torque Spec		Recommended Torque Spec	
	N-m	in-lbs	N-m	in-lbs
SMA	0.34	3	0.56	5
1.0	0.45	4	0.45	4
TNC	1.36	12	1.47	13-14
N	1.36	12	1.47	13-14
4.1/9.5	9.94	88	10.17	90
4.3/10	5	44.5	5	44.5
7/16 DIN	24.97	221	24.97	221

NOTE:

The connector body (hex nut for tightening) can vary from manufacturer to manufacturer. Please check the manufactures specifications for their connector hex body to insure the use of the appropriate size of torque wrench when tightening the connector to the specifications recommended above.