



Wake up your further dream.



Frequency, Torque & Grade Specifications

| Available Frequency Ranges, Coupling Torques and Connector Grades for RF | | | | | | |
|--|---|---------------------|--------------------|--------------------------------|---------------------------------|---------------------------------|
| Connectors | | | | | | |
| Connector Interface | Minimum Upper Operating Frequency (GHz) | Coupling Torque | | Metrology Grade ⁽¹⁾ | Instrument Grade ⁽²⁾ | Production Grade ⁽³⁾ |
| | | N/cm | in/lb | | | |
| 7mm (APC-7)* | 18 | 135 | 12 | • | • | • |
| N 50ohm | 18 | 135 | 12 | • | • | • |
| N 75ohm | 18 ⁽⁴⁾ | 135 | 12 | • ⁽⁶⁾ | • | • |
| 3.5mm | 33 | 90 | 8 | • | • | • ⁽⁷⁾ |
| 2.92mm (K)** | 40 | 90 | 8 | | • | • |
| 2.4mm | 50 | 90 | 8 | • | • | • |
| 1.85mm ⁽⁵⁾ | 65 | 90 | 8 | • ⁽⁶⁾ | • | • |
| 1.0mm | 110 | 45 ⁽⁷⁾ | 4 ⁽⁷⁾ | | • | • |
| SMA | 18 ⁽⁸⁾ | 56 | 5 | • ⁽⁹⁾ | • ⁽⁹⁾ | • |
| TNC | 11 ⁽¹⁰⁾ | 56 | 5 | | | • |
| BNC | 3 | N/A | N/A | | | • |
| SMC | 4 | 34-45 | 3-4 | | | • |
| F 75ohm | 1 | 168 | 15 | | | • |
| FD | 3 ⁽¹¹⁾ | 168 | 15 | • ⁽⁶⁾ | • | • |
| 7-16 | 7.5 | 226 ⁽¹²⁾ | 20 ⁽¹²⁾ | | • | • |