

Materials Commonality / Connector Compatibility

Materials Commonality in Connectors

Teflon™ Dielectric

N Connectors
TNC Connectors
Super SMA Connectors *
SSMA Connectors

Common Construction:

- Housing: Stainless Steel, Passivated
- Contact: Beryllium Copper (BeCu)
Gold Plated Per MIL-G-45204

Teflon Construction:

- Dielectric: PTFE Fluorocarbon
Per ASTM D1710
- Center Contact Capture:
Single Bead Capture with
Ultem 1000 Per ASTM D5205
- Temperature Rating -55°C to +165°C

Air Dielectric (Airline)

3.5 mm Connectors
2.92 mm Connectors
2.40 mm Connectors
1.85 mm Connectors

Common Construction:

- Housing: Stainless Steel, Passivated
- Contact: Beryllium Copper (BeCu)
Gold Plated Per MIL-G-45204

Airline Construction:

- Center Contact Capture:
Rigid Two Bead Capture with
Ultem 1000 Per ASTM D5205
and KEL-F Per ASTM D1430 or
PTFE Fluorocarbon Per ASTM D1710
- Temperature Rating -55°C to +135°C

Note: Direct Solder Cable Connectors May Differ. Check Catalog Sections for Data.

Connector Intermateability

Connector Type	Compatible with:
1.85 mm	2.40 mm
2.40 mm	1.85 mm
2.92 mm	3.5 mm & SMA
3.5 mm	2.92 mm & SMA
SMA	2.92 mm & 3.5 mm