

CompPro® Compression Connectors for LMR®-600 and Equivalent Braided Cables

COMP-NM-600 Compression Connector

Cable Types: LMR®-600, LMR®-600DB,
LMR®-600UF, LMR®-600FR

Components

Interface Type	N, Male
Body & Hex Coupling Nut	White Bronze (tri-metal)
Inner Contact	Gold Plated Brass
Internal Post	Tin Plated Brass
Compression Ring	Brass
Clamp	UHMWPE
Insulator	Ultem® 1000
Gasket	Silicone Rubber

Environmental

Moisture Resistance Test	MIL-STD-202F, Method 106F
Mechanical Shock Test	MIL-STD-202F, Method 213B, Test Condition C
Corrosion Test	MIL-STD-1344A, Method 1001.1, Test Condition A
Thermal Shock Test	MIL-STD-202F, Method 107G, Test Condition A-1, Low Temp -55°C
Vibration Test	IEC 68, PART 2-6
Operating Temp. Range	-67°F to +185°F / -55°C to +85°C
Storage Temperature	-67°F to +185°F / -55°C to +85°C
Immersion Test	IEC 529:1989, IP68
Immersion Depth	12" 0.31 m
Water Jetting Test	IEC 529:1989, IP66

Mechanical

Inner Attachment Method	360° Collet
Outer Attachment Method	Compression
Connector Weight	2.25 oz. 63.8 g
Minimum Connector Retention Tensile Force	890 N 200 lbs.
Minimum Coupling Nut Torque	15 in-lbs. 1.7 N-m
Hex Width	0.75" 19 mm



Electrical Characteristics

Maximum Operating Frequency	6 GHz
Connector Impedance	50 Ω
Return Loss	-35 dB, 0–1 GHz -32 dB, 1–3 GHz
Insertion Loss	.10 √freq (GHz)

Tools

Complete Tool Kit	KIT600
<i>KIT600 includes the following tools, replacements may also be ordered</i>	
Compression Tool with Ratchet	VT600
Cable Cutter	CXC
Prep Tool, Cartridge Trimmer	SDT600-50
Replacement Blades (2 pack)	RC600-50
Insertion Tool for N Male Connector	IT50NM
Torque Wrench for N Male Connector	TW1412
Marking Guide	MCAP600
Marking Pen	PEN-50
Tool Bag	POUCH-50
<i>optional Tools</i>	
Torque Wrench for 7-16 DIN Connector	TQ-114-F18 (optional)
Torque Wrench for TNC Connector	TW08X14MM (optional)
Prep Tool/Cable Devil™	RFA-4420 (optional)

Notes: Specifications subject to change without notice. Comp Pro is a registered trademark of RF Industries. LMR is a registered trademark of Times Microwave Systems.

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