

CompPro® Compression Connectors for LMR®-400 and Equivalent Braided Cables

COMP-DM-400

Compression Connector

Cable Types: LMR®-400, RG-8/U, WBC400,
AA-6146, CBL-CU400 & Eupen 213RTS

Components

Interface Type	7-16 DIN, 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	PTFE
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	2.186 oz. 62.0 g
Minimum Connector Retention Tensile Force	890 N 200 lbs.
Minimum Coupling Nut Torque	18 ft-lbs. 24.4 N-m
Hex Width	1.25" 32mm



Electrical Characteristics

Maximum Operating Frequency	3 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	KIT400
<i>KIT400 includes the following tools, replacements may also be ordered</i>	
Compression Tool	VT500
Cable Cutter	CXC
Prep Tool, Cartridge Trimmer	SDT400-50
Replacement Blades	RC400-50
Insertion Tool for N Connector	IT50NM
Torque Wrench for N Connector	TW1412
Marking Guide	MCAP400
Marking Pen	PEN-50
Tool Bag	POUCH-50

optional Tools

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.

7610 Miramar Road, San Diego, CA 92126 800.233.1728 858.549.6340 Fax: 858.549.6345 rfi@rfindustries.com www.rfindustries.com