**ELECTRICAL**

Nominal Impedance:	50 ohms
Frequency Range:	DC to 4 GHz
Voltage Rating:	1,500 volts rms
Dielectric Withstanding Voltage:	5,000 volts rms
Insulation Resistance:	5,000 megohms
VSWR:	1.35 max DC-7GHz

MECHANICAL

Mating Characteristics:	per MIL-C-3643
Connector Durability:	500 cycles min.
Cable Attachment:	Clamp

ENVIRONMENTAL

Temperature Range:	-85°F to +329°F (-65°C to +165°C)
Vibration:	MIL-STD-202 Method 204 (Test Cond. B)
Shock:	MIL-STD-202 Method 213 (Test Cond. 1)
Moisture Resistance:	MIL-STD-202 Method 106
Corrosion (salt spray):	MIL-STD-202 Method 101 (Test Cond.B)

MATERIAL / FINISHES

Body:	Brass, Silver or Nickel Plated
Contacts (Inner):	
Female	Beryllium Copper, Silver or Gold Plated
Male	Brass, Silver or Gold Plated
Contacts (Outer):	Brass, Silver or Nickel Plated
Contacts (Slotted):	Beryllium, Silver or Nickel Plated
Insulators:	PTFE or Rexolite
Gaskets & Seals:	Silicone Rubber

Features listed are typical and may vary depending upon cable selection and application.

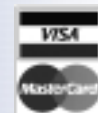
TRU Corporation offers HN Series connectors are suitable for a wide variety of high voltage applications including etching equipment, sputtering devices, and other wafer processing systems and instrumentation. They are available in many configurations and can be customized to fit any requirement. They are capable of handling up to 5,000 volts, have an impedance of 50 ohms, and a DC to 4 GHz frequency range. They also feature Teflon® dielectric interfaces and long dielectric creep paths. These connectors are covered under MIL-C-3643 and can be manufactured to fit cables from .141 to .5 inch. Standard configurations include right angle and straight plugs, jack, plug receptacles, and in-series and between-series adapters. Complete Cable assemblies are also available.

For leading-edge engineering and custom product designs, look to TRU. Since 1951, we have been providing our customers with quality and cost effective solutions for all of their interconnect applications. We maintain the highest quality standards and manufacture all our products at our modern facility located in Peabody, Massachusetts. Contact your Customer Service Representative today or visit www.trucorporation.com to see why we are "The Custom Interconnect Leader".

Please note that the products displayed are only a sampling of our designs.

Please note that bold model numbers represent the product as shown.

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