

RECOMMENDED CABLE STRIPPING DIM'S  
Connector Adds: 14.63 mm

Interface Compatible with Standard:  
IEC 61169-8  
MIL-STD-348

**I. MATERIALS & FINISHES**

Components	Materials	Finishes	Thk. (µ")
Body	Brass	Albaloy	80
Contact Pin	Brass	Gold	50
Insulator	PTFE	--	--
Ferrule	Copper	Albaloy	80
Gasket	Silicone Rubber	--	--

**II. ELECTRICAL PROPERTIES**

Impedance:	50 Ω
Frequency Range:	DC to 2 GHz
Dielectric Withstanding Voltage:	1000 V rms
Insulation Resistance:	≥5000 MΩ
VSWR: DC to 6 GHz	≤1.30
Insertion Loss:	-0.1x√f(GHz) dB

All Material and Plating of Parts Meet TIMES Documents: WI-RD-003

**III. ENVIRONMENTAL PROPERTIES**


Temperature Range:	-40°C to +125°C
Thermal Shock:	MIL-STD-202, Meth.107, Cond. B
Vibration:	MIL-STD-202, Meth.204, Cond. D
Shock:	MIL-STD-202, Meth.213, Cond. I
Climatic Class:	IEC 60068 55/155/21
RoHS:	Compliant

**IV. MECHANICAL PROPERTIES**

Center Contact:	Solder
Outer Contact:	Crimp
Coupling Nut Torque:	N.A
Cbl-Connector Retention Force:	200 lbs
Durability:	500 Cycles

**V. TOOLINGS & ACCESSORIES**

Stripping Tool:	3192-084/ CST-300
Crimping Tool:	3190-666/ CT-300/400
Heat Shrink Tube:	1/2"x1.5" (3:1) 1 pcs

UNLESS OTHERWISE SPECIFIED		DFTM.	N.N.N	 <b>TC-300-BM-75-X</b> BNC Male (Plug) Straight Solder Pin 75ohm Connector for LMR-300-75 Cable					
ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH 1.6 RMS MAX. REMOVE ALL BURRS 0.15X45° MAX. BREAK MACHINE CORNERS 0.15X45° D MAX. FILLET R. TOLERANCES ON DECIMALS .X ±0.15 .XX ±0.1 ANGLES ±2° FRACTIONS ± N/A		DATE	2013.11.22						
		CHKD	J.D.B						
		DATE	2013.11.22						
		APPD	J.D.B						
SCALE:	DWG SIZE	DO NOT SCALE DRAWING	DATE	2013.11.22	SHT	1/1	<b>3190-2959</b>	REV	B