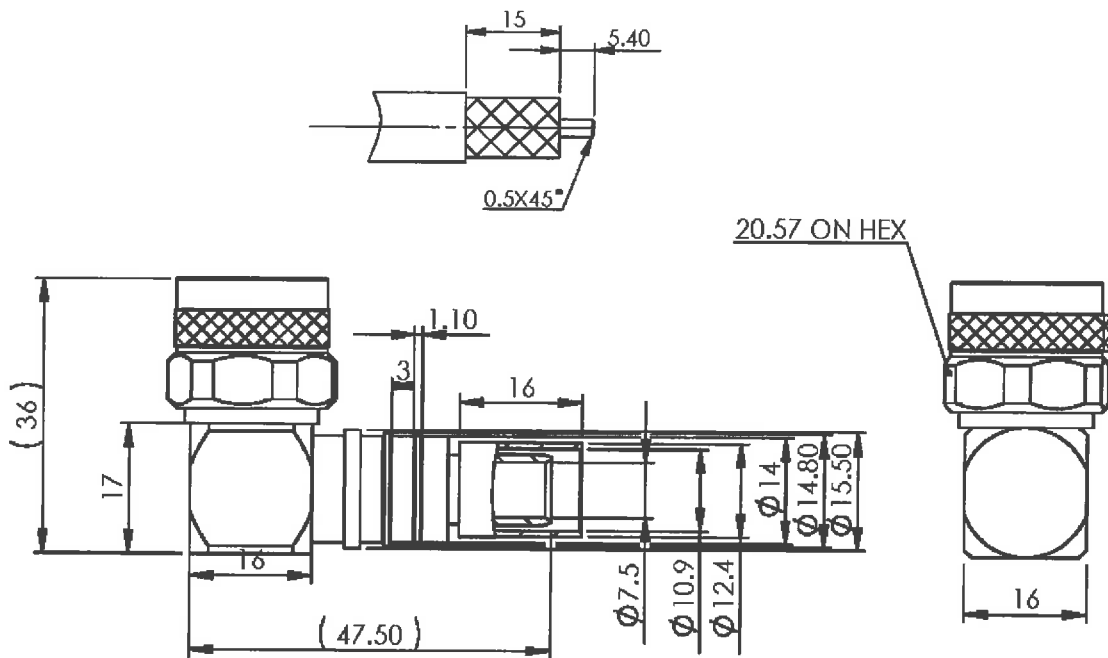


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	K.A.M.	5/19/11	J.D.B.	6/9/11



Reference standard IEC60169-16I, Electric Performance
 Nominal Impedance(Ω): 50
 Frequency Range: DC-6GHz
 VSWR: ≤ 1.35
 Insert Loss: ≤ 0.10 (0-3G)
 Insulation resistance ($M\Omega$): > 5000
 Proof voltage (V): 2500
 Conductor resistance ($m\Omega$):
 outer conductor < 0.4
 inner conductor < 0.8

II. Mechanical Performance

Whorl pull 500N
 Nut torque 5N.m
 Tensile force(cable-connect) 300N
 Torsion(cable-connect) 3N.m

III. Material and plating :

Component	Material	Plating
inner conductor	Beryllium copper	Au $> 1.27\mu m$
outer conductor	Brass	Copper-tin-zinc $> 2\mu m$
insulator	PTFE	
nut	Brass	Copper-tin-zinc $> 2\mu m$

IV. Environment

Temp.range	-55°C~+155°C
Weather standard	IEC 60068 55 / 155/ 56
Thermal shock	US MIL-STD 202, Meth.107, Cond.B
Vibration	US MIL-STD 202, Meth.204, Cond.B
Shock	US MIL-STD 202, Meth.213, Cond.I
ROHS compliant	

V. Assemble: inner conductor installed and outer conductor crimped

MATERIAL:	UNLESS OTHERWISE SPECIFIED	DFTM: K. A. M.	TIMES MICROWAVE SYSTEMS				
	ALL DIMENSIONS ARE IN mm	DATE: 5/19/11					
USED ON:		CHKD: J. D. B.	CONNECTOR, 90° NM FOR LMR-400 (EZ-400-NMH-RA-X)				
		DATE: 6/9/11					
		APPD: J. D. B.					
SCALE: ~	DWG. SIZE: A	DO NOT SCALE DRAWING	CODE IDENT: 68999	DATE: 6/9/11	SHEET: 1 of 1	SD3190-2638	REV: A



INSTALLATION INSTRUCTIONS

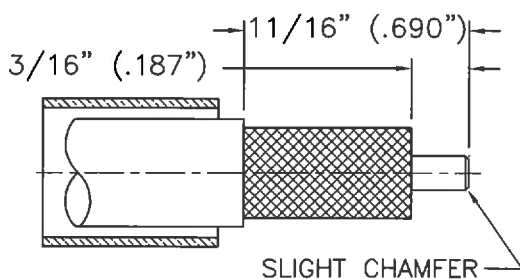
EZ-400-NMH (3190-400,-425,-487,-905)

EZ-400-NF-BH (3190-424,-518)

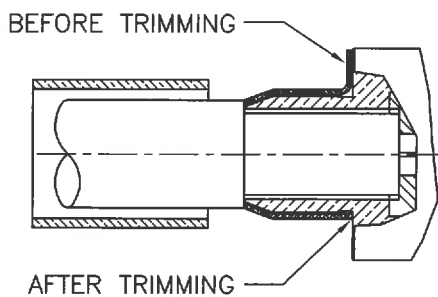
EZ-400-NMK (3190-661)

EZ-400-NMH-RA (3190-761)

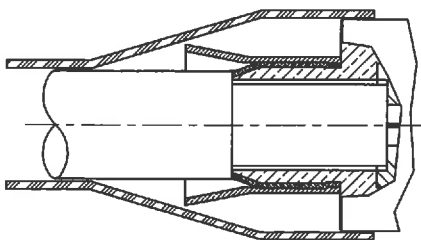
CABLE TYPES: LMR-400, 400-DB, 400-FR, 400-PVC
(NOT RECOMMENDED FOR LMR-400-ULTRA-FLEX, 400-LLPL & FBT-400)



- (a) Trim cable to dimensions shown using a razor knife or Times ST-400-EZ strip tool.
(b) Remove any residual plastic from the center conductor.
(c) Deburr center conductor using a fine file or Times DBT-01 tool.



- (a) Slide heat shrink tube and crimp ring over cable.
(b) Insert cable into connector body until dielectric is fully seated and center conductor is inserted fully into connector center pin.
(c) Trim excess braid flush to back of connector body. (optional)



- (a) Slide crimp ring over braid and crimp as close as possible to connector body using a .429" hex die. Use Times HX-4 tool or equivalent.
(b) Heat shrink weather seal over rear of connector body and down onto cable jacket using a hot air gun.