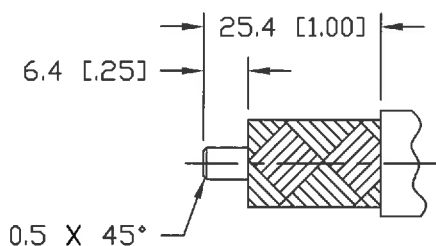
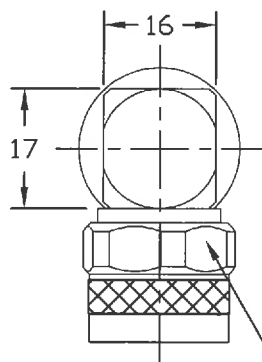


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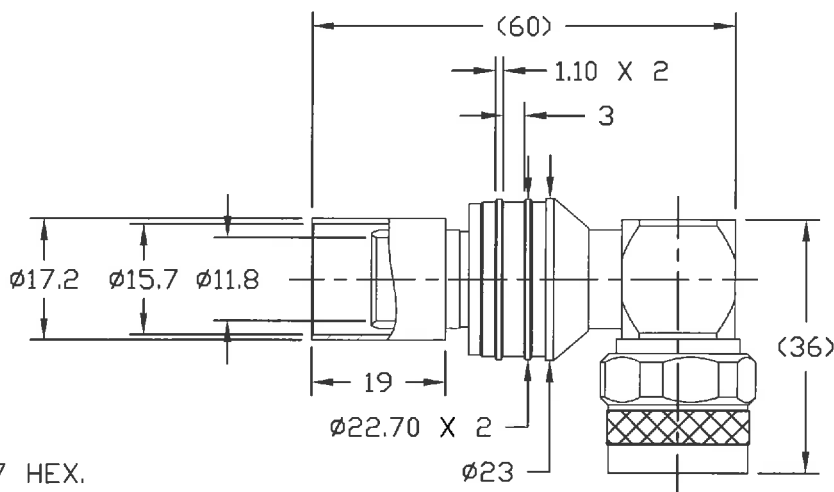
SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	K.A.M.	5/20/11	J.D.B.	6/9/11
B	CHANGED PER CDC #38524	D.J.H.	9/24/13	J.D.B.	2/6/14



CABLE PREP.
USE CST-600
(3192-052)
.610" HEX.



20.57 HEX.



Reference Standard IEC60169-16

I. Electric Performance

Nominal Impedance(Ω):	50
Frequency Range:	DC-6GHz
VSWR:	≤ 1.35
Insert Loss(dB):	$\leq 0.10(0-3G)$
Insulation resistance(M Ω):	>5000
Proof Voltage(V)	2500
Conductor resistance(m Ω):	outer conductor <0.4 inner conductor <0.8

II. Mechanical Performance

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

III. Material and plating

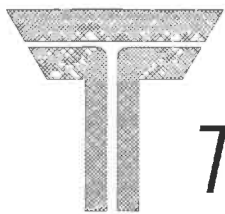
Component	Material	Plating
Inner conductor	Beryllium Copper	Au $>1.27\mu\text{m}$
Outer conductor	Brass	Copper-tin-zinc $>2\mu\text{m}$
Insulator	PTFE	
Nut	Brass	Copper-tin-zinc $>2\mu\text{m}$

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
Waterproofing standard	IP68
ROHS Compliant	

V. Assembly: inner conductor installed and outer conductor crimped

MATL:	UNLESS OTHERWISE SPECIFIED	DFTM: K. A. M.	TIMES MICROWAVE SYSTEMS
USED ON: 2-0	ALL DIMENSIONS ARE IN MM MACHINED SURFACES FINISH N/A RMS MAX. REMOVE ALL BURRS N/A MAX. BREAK MACHINE CORNERS N/A MAX. FILLET R. TOLERANCES ON DECIMALS .XX $\pm$ N/A .XXX $\pm$ N/A ANGLES $\pm 1^\circ$ FRACTIONS $\pm$ N/A	DATE 5/20/11 CHKD. J. D. B. DATE 6/9/11 APPD. J. D. B.	EZ-600-NMH-RA-X 90° N MALE FOR LMR-600 CABLE EZ/CRIMP/NO BRAID TRIM
SCALE: N/A	DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999
		DATE 6/9/11	SH 1 of 1 SD3190-2639 REV B



TIMES MICROWAVE SYSTEMS

EZ-600-NMH-RA (stock code: 3190-762)

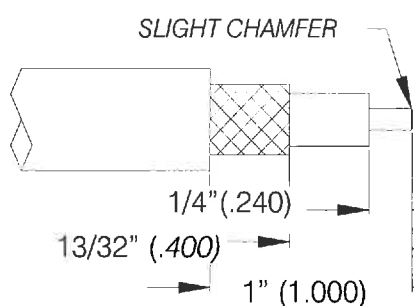
Type N-Male Plug Right Angle

Non-solder center contact

Crimp-on (.610" hex.) outer contact

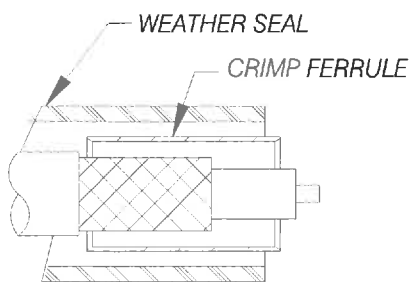
INSTALLATION INSTRUCTIONS

(Cable Types: LMR-600; 600 DB; 600 FR)



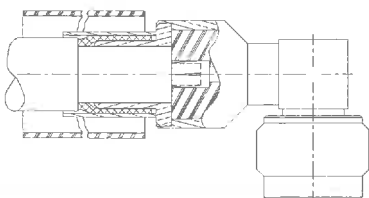
STEP 1

1. (A) Trim cable to dimensions shown using a razor knife or Times ST-600EZ strip tool.
 (B) Remove any residual plastic from center conductor.
 (C) Deburr center conductor using a fine file or Times DBT-01 tool.



STEP 2

2. (A) Slide weather seal and crimp ferrule over cable.
3. (A) Flare braid and insert cable into connector body until dielectric is seated with braid wires on outside of connector body and aluminum tape inside connector body.
 (B) Braid should assemble flush to within 1/16" (.06) of connector shoulder. Trim braid as necessary.
 (C) Slide crimp ferrule over braid and crimp as close to body as possible using die indicated in a Times HX-4 crimp tool or equivalent.
 Do not crimp rear of crimp ferrule.
 (D) Heat shrink weather seal over rear of connector body and down on to cable jacket using hot air gun.



STEP 3

Rev. E