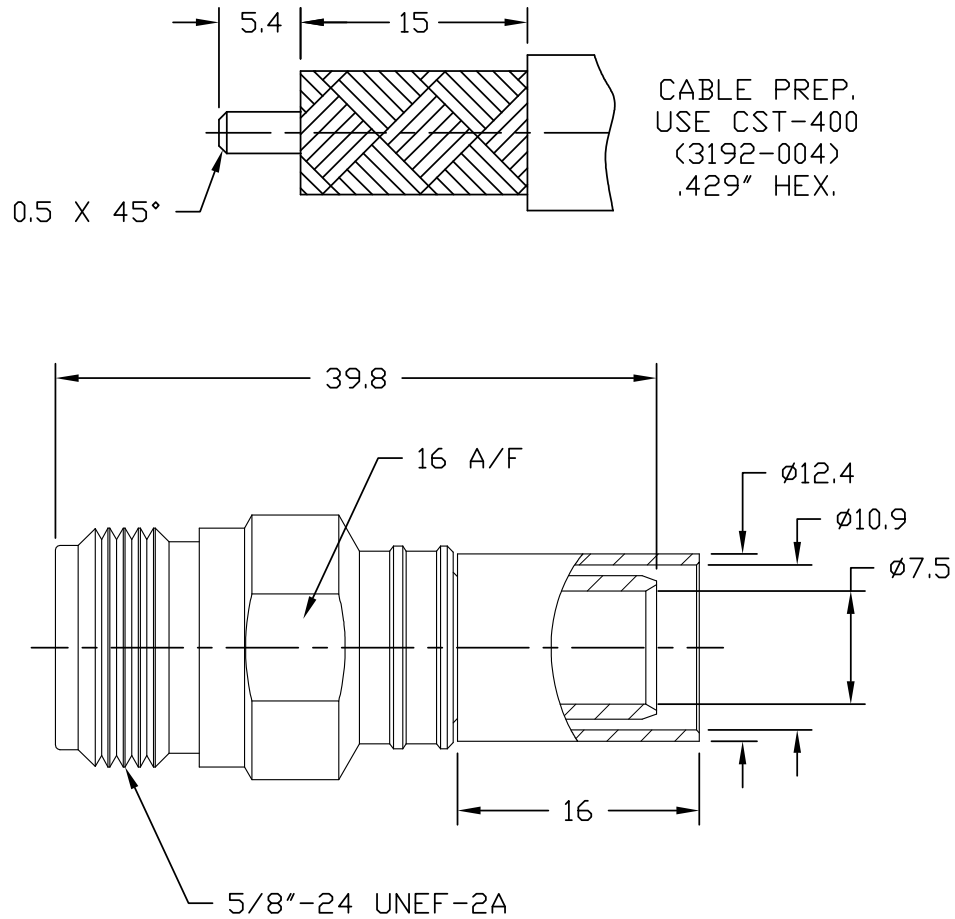


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	D. J. H.	12/12/12	J. D. B.	12/12/12



CABLE PREP.
USE CST-400
(3192-004)
.429" HEX.

Reference Standard IEC60169-16

I. Electric Performance

Nominal Impedance(Ω):	50
Frequency Range:	DC-6GHz
VSWR:	≤ 1.30
Insert Loss(dB):	$\leq 0.1(0-3\text{GHz})$
Insulation resistance(M Ω):	≥ 5000
Proof Voltage(V)	1500
Conductor resistance(m Ω)	outer conductor <0.4 inner conductor <0.8

II. Mechanical Performance

Retention	$\geq 0.56\text{N}$
Mechanical Wear(hypo-)	500
Tensile force(cable-connector)	400N
Torsion(cable-connector)	2N.m

III. Material and plating

Component	Material	Plating
Inner conductor	Spring Bronze	Au 1.27 μm over Chemistry Nickel 3 μm
Outer conductor	Brass	Copper-tin-zinc 2 μm
Tube	Copper	Copper-tin-zinc 2 μm
Insulator	PTFE	

IV. Environment

Temp. range	-55 $^{\circ}\text{C}$ ~+155 $^{\circ}\text{C}$
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. Assembly: inner conductor installed and outer conductor crimped

MATL:	UNLESS OTHERWISE SPECIFIED	DFTM. D. J. H.	TIMES MICROWAVE SYSTEMS		
		DATE 12/12/12			
USED ON: O-1	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	CHKD. J. D. B.	EZ-400-NF-X N FEMALE FOR LMR-400 CABLE EZ/CRIMP/NO BRAID TRIM		
		DATE 12/12/12			
		APPD. J. D. B.			
SCALE: N/A	DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 12/12/12	SH 1 of 1 SD3190-2818 R E A