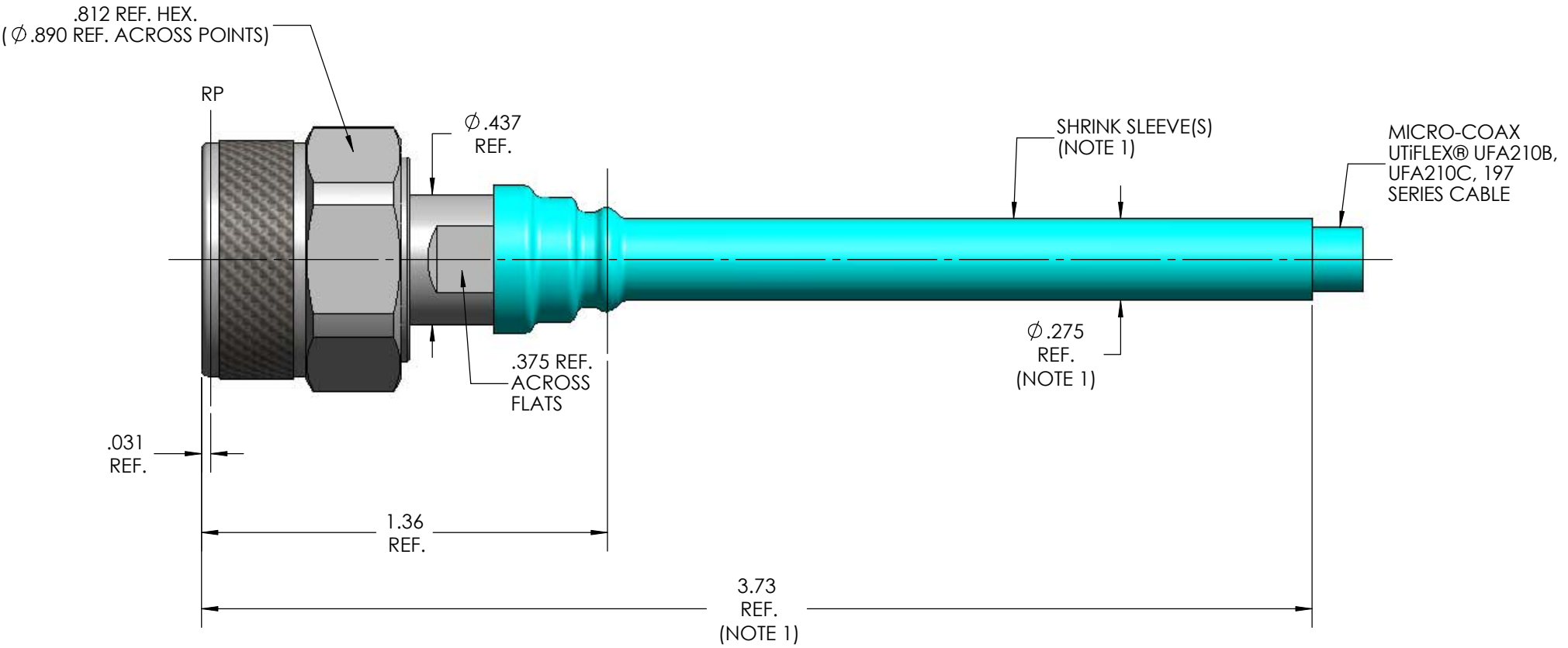
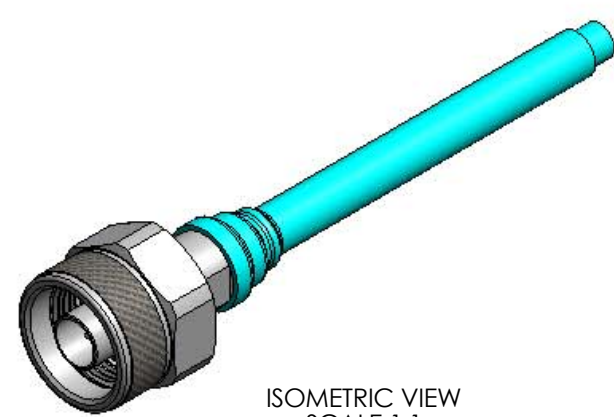


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 402.1
SLANT SHEET	MIL-PRF-39012/1 REF.
RECOMMENDED MATING TORQUE	20 IN-LBS. NOM.
COUPLING PROOF TORQUE	25 IN-LBS. MIN.
COUPLING NUT RETENTION	100 LBS. MIN.
FORCE TO ENGAGE	6 IN-LBS. MAX.
FORCE TO DISENGAGE	6 IN-LBS. MIN.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MIN.
CABLE RETENTION	20 LBS. MIN.
MASS SHEET 1	34.41 GRAMS NOM.
MASS SHEET 2	37.20 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	18 GHz
VSWR DC - 18 GHz	1.16:1MAX.
INSERTION LOSS	0.045 √F (GHz) dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1200 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
CORONA	310 Vrms MIN. @70,000 FEET
RF HIGH POTENTIAL	800 Vrms MIN.
CONTACT RESISTANCE (INNER)	1.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	0.2 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-55°C TO 150 °C
VIBRATION	MIL-STD-202, METHOD 204, CONDITION B
MECHANICAL SHOCK	MIL-STD-202, METHOD 213, CONDITION I
THERMAL SHOCK	MIL-STD-202, METHOD 107, CONDITION B
MOISTURE RESISTANCE	MIL-STD-202, METHOD 106, CONDITION (NO VIBRATION)
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
CONTACT, FLEA	BERYLLIUM COPPER PER ASTM-B-196, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER QQ-N-290.
FORWARD BEAD	POLYPHENYLENE SULFIDE (PPS), PER ASTM-D-6358
BODY, SLEEVE, CLAMP NUT, & COUPLING NUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATE PER ASTM-A-967
SNAP RING	BERYLLIUM COPPER, PER ASTM-B-197
GASKET	SILICONE RUBBER PER ZZ-R-765
CONTACT RING	BRASS, PER ASTM-B-16, GOLD PLATE PER MIL-DTL-45204, OVER NICKEL PLATE PER QQ-N-290
DIELECTRIC BEAD	POLYETHERMIDE THERMOPLASTIC, ASTM-D-5205
ELBOW	STEEL, CORROSION RESISTANT, PER ASTM-A-269, UNS NO. S30400 (TP 304) OR S30403 (TP 304L), PASSIVATED PER ASTM-A-967
APPLICATION	
CABLE(S)	UFA210B, UFA210C, 197 SERIES
INSTALLATION	PER CONFIGURATOR
CONNECTOR CODE SHEET 1	50U
CONNECTOR CODE SHEET 2	5GU

THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.

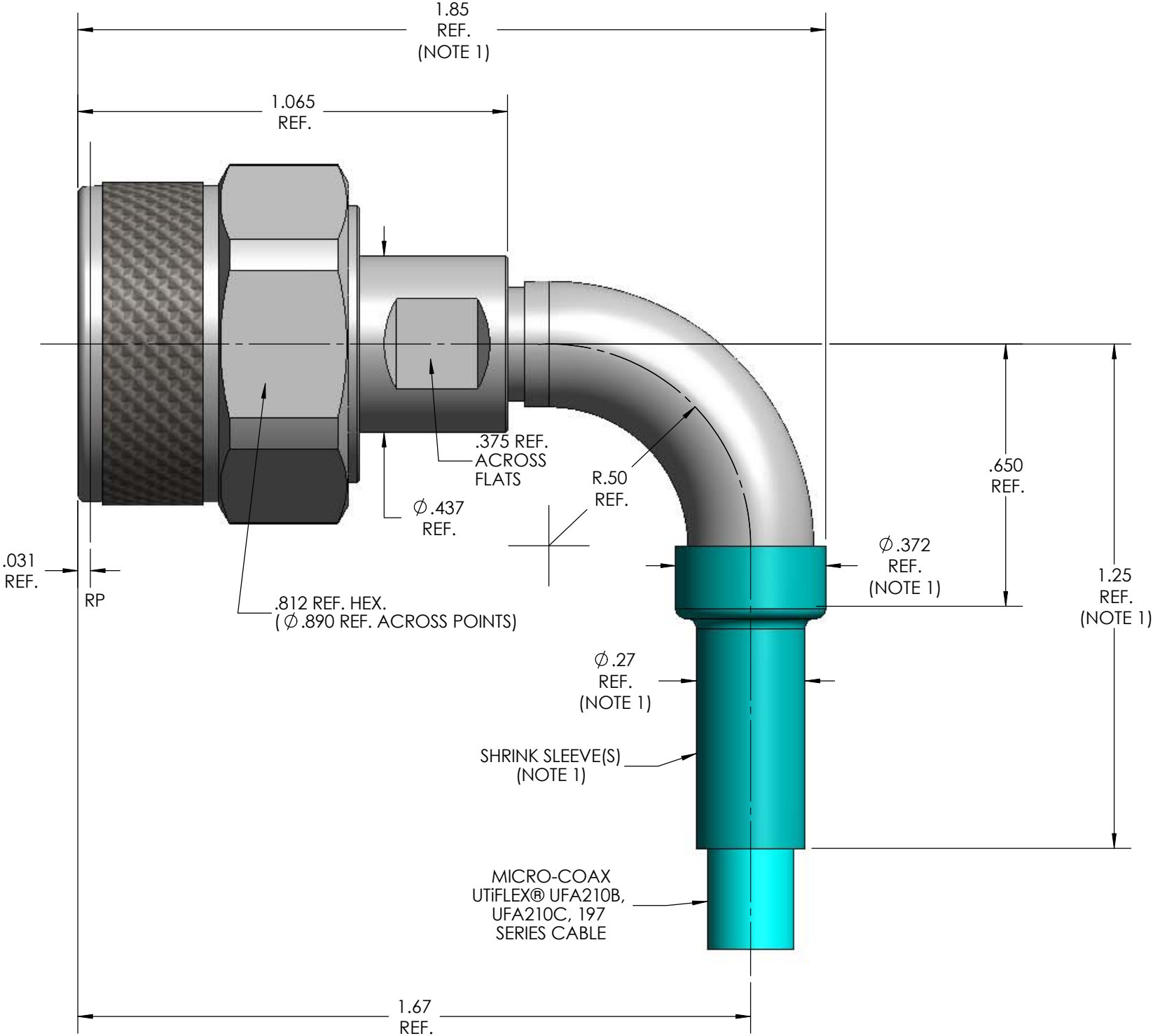
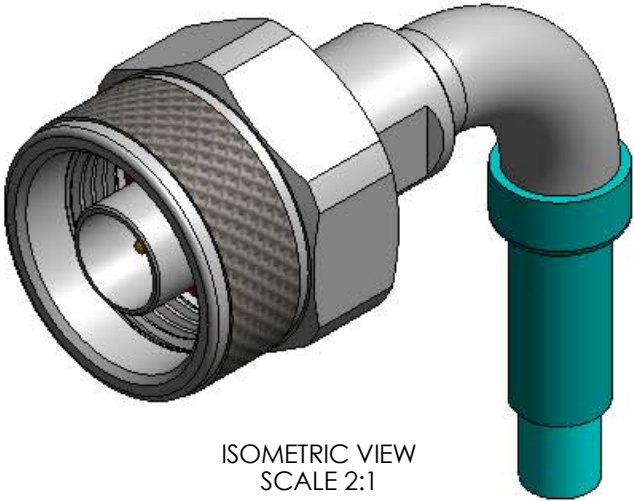


NOTE:

1. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.
2. SEE SHEET 2 FOR 90° ELBOW CONFIGURATION.

REV.	DESCRIPTION	DATE	BY	APPVD
A	INITIAL RELEASE	10/25/04	SRS	LXT
B	ECO 95659	10/1/2009	MJM	MJR
C	ECO 135003	1/8/2013	MJM	RS

THIS SPECIFICATION IS THE PROPERTY OF MICRO-COAX, INC. AND MAY NOT BE USED OR COPIED WITHOUT THE EXPRESS WRITTEN PERMISSION OF MICRO-COAX, INC.		INITIALS		DATE		<div>MICRO-COAX®</div> <div>Leading the way in transmission line solutions.</div> <div>Copyright Micro-Coax, Inc.</div>								
		DWN.	JMK	05/07/04										
		CHKD.	CCF	1/8/13										
		APPVD.												
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE								N PLUG, PRECISION, UFA210B, UFA210C, 197 SERIES CABLE				
.XX	± .02	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. SCREW THDS. TO BE IN ACCORD WITH ANSI B1.1-1989.				FSCM NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	REV			
.XXX	± .005					64639	B	2:1	1 OF 2	SD904059	C			
.XXXX	± .0010													
ANGLES	± 2°													



NOTE:
1. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

ALL DIMENSIONS AND TOLERANCES IN INCHES UNLESS OTHERWISE SPECIFIED.		INITIALS		DATE	MICRO-COAX [®] Leading the way in transmission line solutions. Copyright Micro-Coax, Inc.			
		DWN.	JMK	05/07/04				
		CHKD.	CCF	1/8/13				
.XX	± .02	APPVD.			TITLE N PLUG, PRECISION, 90° ELBOW, 197/200 SERIES CABLE			
.XXX	± .005							
.XXXX	± .0010							
ANGLES	± 2°							
		FSCM NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	REV.	
		64639	B	3:1	2 OF 2	SD904059	C	