INTERFACE	MIL-STD-348A, NOTICE 3, FIGURE 304-1	
SLANT SHEET	MIL-PRF-39012/1	
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. MAX.	
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	36.51 GRAMS NOM	
MASS SHEET 2	39.31 GRAMS NOM	

50 Ohms NOM.				
12.4 GHz				
1.16:1MAX.				
0.045 √F (GHz) dB MAX.				
1200 Vrms MIN.				
5000 MegaOhms MIN.				
-90 dB MIN.				
310 Vrms MIN. @ 70,000 FT.				
800 Vrms MIN.				
1.0 MilliOhms MAX.				
0.2 MilliOhms MAX.				

ENVIRONMENTAL CHARACTERISTICS					
OPERATING TEMPERATURE	-62°C TO 165°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	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			
FORWARD INSULATOR	TFE FLUOROCARBON, PER ASTM-D-1710			
ELBOW	STEEL, CORROSION RESISTANT, PER ASTM-A-269, UNS NO. S30400 (TP 304) OR S30403 (TP 304L), PASSIVATED PER ASTM-A-967			
A	PPLICATION			

210A SERIES CABLE

PER CONFIGURATOR

70U 7GU

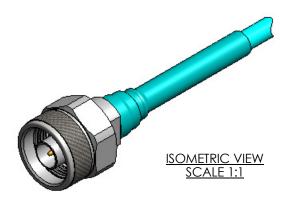
CABLE(S)

INSTALLATION

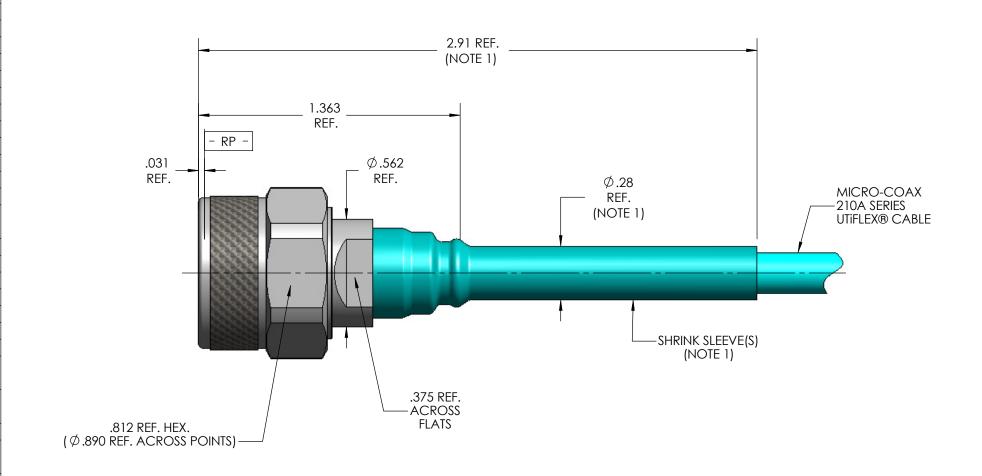
CONNECTOR CODE SHEET 1

CONNECTOR CODE SHEET 2

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REV.	DESCRIPTION	DATE	BY	APPVD
Α	INITIAL RELEASE	03/01/05	SRS	RS
В	ECO 65039	01/25/06	SRS	RS
B1	ECO 65239	8/3/2006	JMK	RS
С	ECO 85284	7/23/2008	PLM	JM
D	ECO 125530	10/2/2012	MJM	RS



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.

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		DWN.	SRS	08/10/04],
		CHKD.	CCF	10/5/12	
		APPVD.			
	TOLERANCES UNLESS	TITLE		ND	

MICRO-COAX

Leading the way in transmission line solutions.

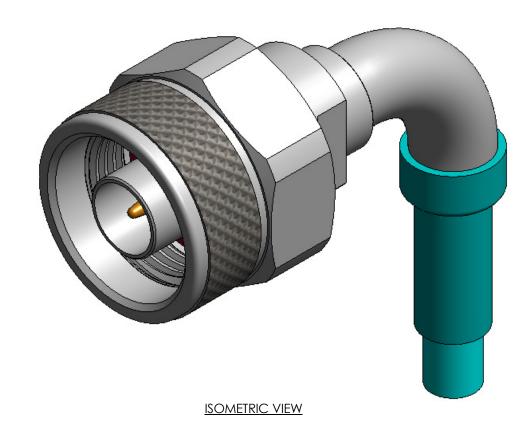
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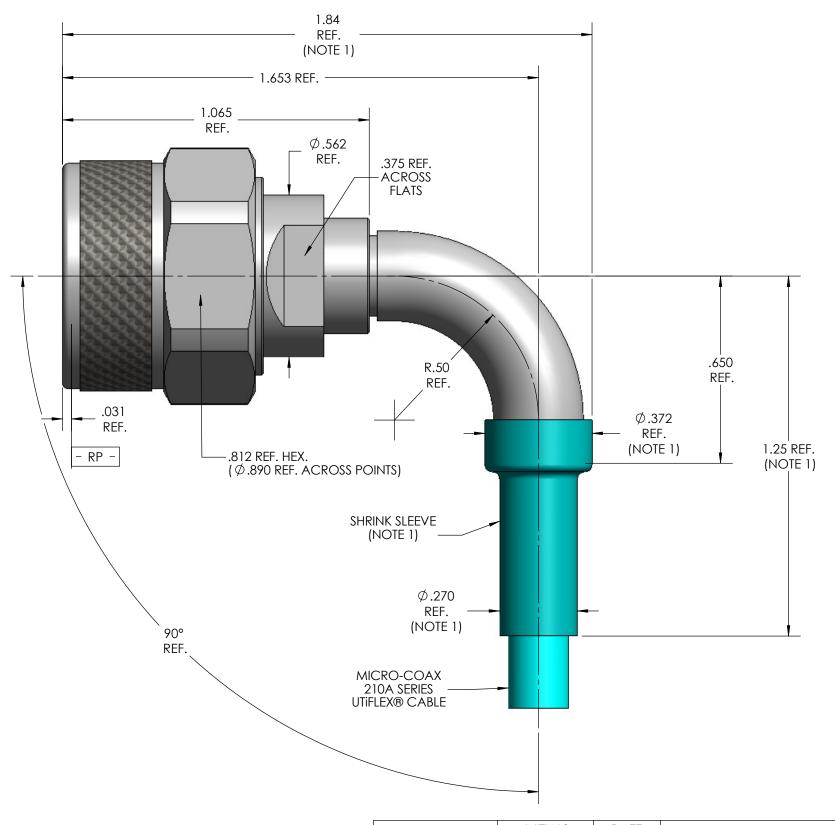
SPECIFICATION DRAWING

		ALL VD.				•	•	
TOLERANC OTHEWISE		TITLE	LUG, 210	G, 210A SERIES CABLE				
.XX	± .02							
.XXX	± .005	ALL DIMENSIONS IN INI UNI ESS OTHERWISE SPEC	F3Ch	A NO. SIZE	SCALE	SHEET NO.	DRAWING NO.	REV
.XXXX	± .0010	SCREW THDS, TO BE IN AC		/20 D	2.1	1 OF 2	SD904115	
ANGLES	± 2°	WITH ANSI B1.1-1989	04	639 B) Z.I	I OF Z	30704113	

DESCRIPTION

SEE SHEET 1 FOR REVISION HISTORY





NOTE:

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

ALL DIMENS	SIONS AND	INI	TALS	DATE	MODO-OOAVE
	ES IN INCHES	DWN.	SRS	08/10/04	MICRO-COAX®
INLESS OTHER	WISE SPECIFIED.	CHKD.	CCF	10/5/12	Leading the way in transmission line solutions.
.XX	± .02	APPVD			Copyright Micro-Coax. Inc.

1001				
.XXX	± .005	TIT! E		
.XXXX	± .0010	IIILE	N PLUC	G, 90° ELBOW, 210A SERIES
ANCIEC	. 00			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

FSCM NO. SIZE SCALE SHEET NO. DRAWING NO. REV. 64639 **B** 3:1 2 OF 2 SD904115 D