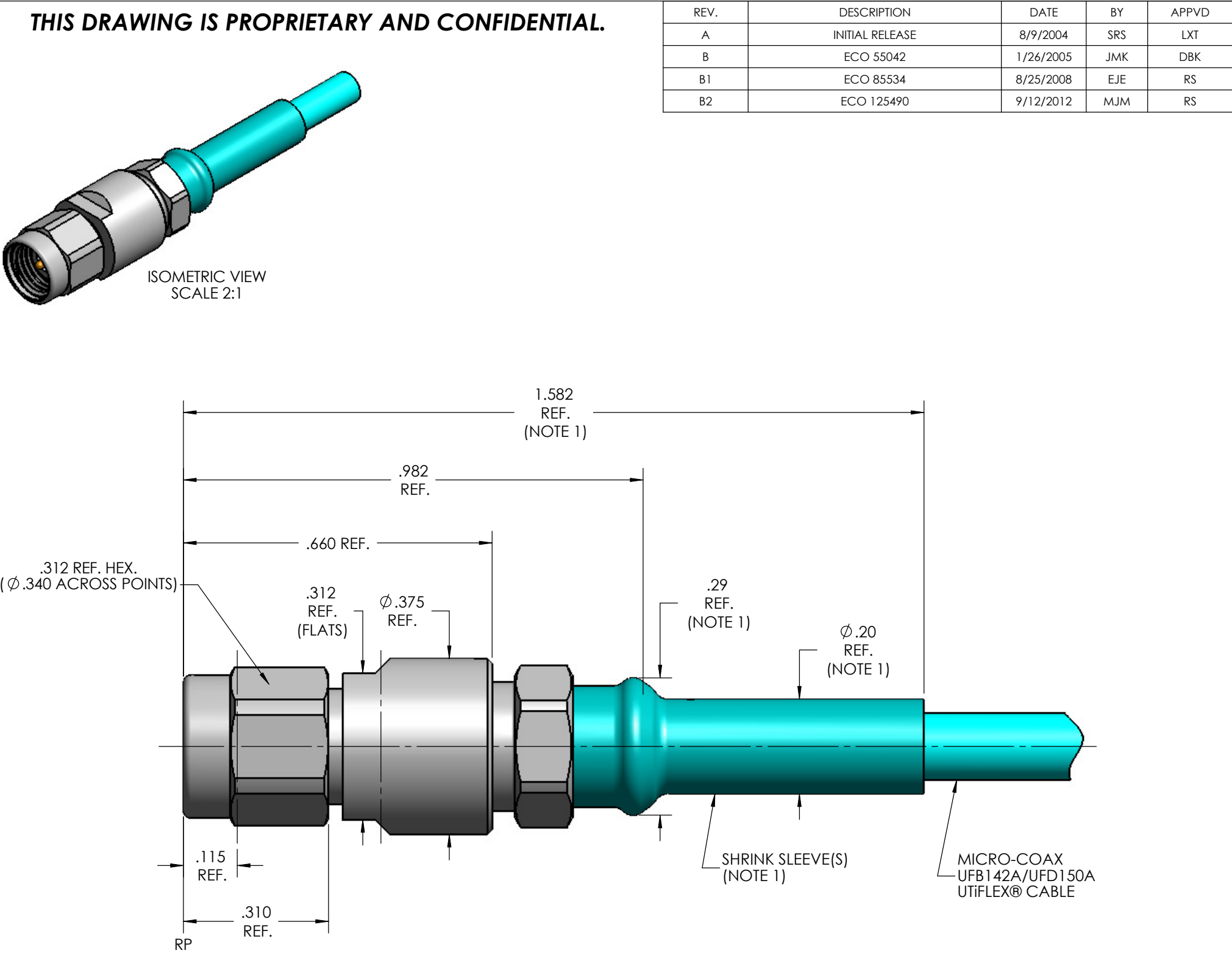


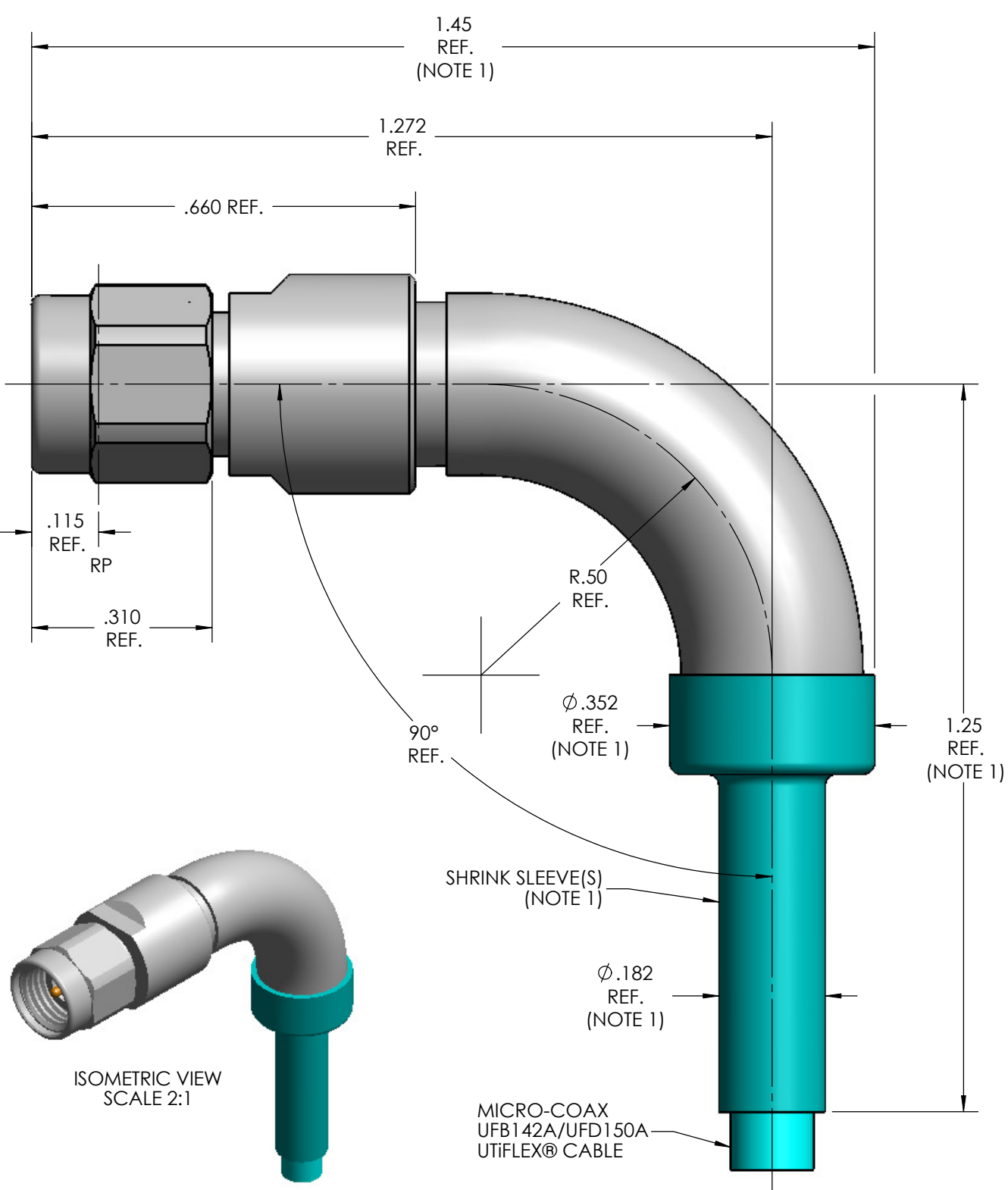
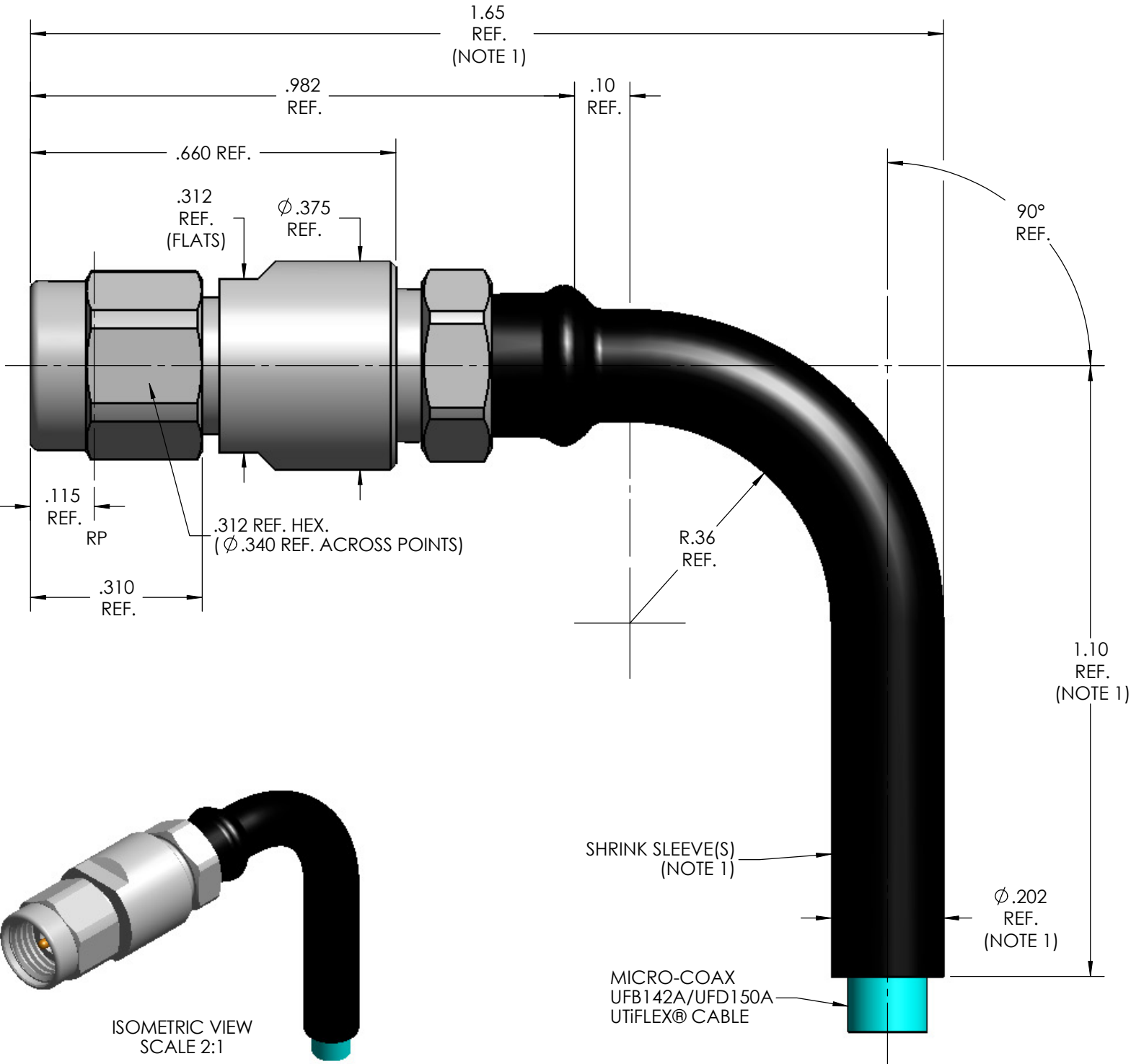
MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 323.1
SLANT SHEET	IEEE P287/D3 REF.
RECOMMENDED MATING TORQUE	9 IN-LBS. NOM.
COUPLING PROOF TORQUE	15 IN-LBS MIN.
COUPLING NUT RETENTION	60 LBS. MIN.
FORCE TO ENGAGE	2 LBS. MAX.
FORCE TO DISENGAGE	2 LBS. MAX.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS. MIN.
CABLE RETENTION	15 LBS. MIN.
MASS (SHEET1 & SHEET 2 - w/HS FORMED ELBOW)	7.29 GRAMS NOM.
MASS (SHEET 2 - w/90° STAINLESS STEEL ELBOW)	9.98 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	40 GHz
VSWR DC - 18 GHz	1.16:1 MAX.
18 - 40GHz	1.20:1 MAX
INSERTION LOSS	0.03 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	1200 VRMS MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
CORONA (70,000 FT)	300 VRMS MIN.
RF HIGH POTENTIAL	800 VRMS MAX.
CONTACT RESISTANCE (INNER)	4.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-55°C TO 150°C
VIBRATION	MIL-STD-202, METHOD 204, CONDITION D
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	
BODY, COUPLING NUT, SLEEVE, & CLAMP NUT	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967
SNAP RING	BERYLLIUM COPPER, PER ASTM-B-197
CONTACT	BERYLLIUM COPPER, ASTM-B-196 GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
DIELECTRIC STOP	POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205
CONTACT RING	BRASS PER ASTM-B-16, GOLD PLATE PER MIL-DTL-45204, NICKEL PLATE PER QQ-N-290
GASKET	SILICONE RUBBER PER ZZ-R-765
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)	UFB142A / UFD150A SERIES CABLE
INSTALLATION	PER CONFIGURATOR
CONNECTOR CODE SHEET 1	200
CONNECTOR CODE SHEET 2 (HS FORMED ELBOW)	2G0
CONNECTOR CODE SHEET 2 (S.S. ELBOW)	2G0



NOTE:

1. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.
2. SEE SHEET 2 FOR HEAT SHRINK FORMED ELBOW AND 90° STAINLESS STEEL ELBOW CONFIGURATIONS.

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[®] <i>Leading the way in transmission line solutions.</i> Copyright Micro-Coax, Inc.</div>					
		DWN.	RDM	1/2/04							
		CHKD.	CCF	9/13/12							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE 2.92 mm PLUG, UFB142A/UFD150A CABLE									
.XX	± .02	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED. SCREW THDS. TO BE IN ACCORD WITH ANSI B1.1-1989.		FSCM NO. 64639	SIZE B	SCALE 4:1	SHEET NO. 1 OF 2	DRAWING NO. SD903980	REV B2		
.XXX	± .005										
.XXXX	± .0010										
ANGLES	±5°										



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.	RDM	1/2/04				
.XX	± .02	CHKD.	CCF	9/13/12	TITLE			
.XXX	± .005	APPVD.						
.XXXX	± .0010				2.92 mm PLUG, HEAT SHRINK FORMED ELBOW AND 90° ELBOW, UFB142A/UFD150A CABLE			
ANGLES	± 5°				FSCM NO.	SIZE	SCALE	SHEET NO.
					64639	B	4:1	2 OF 2
					DRAWING NO.	REV.		
					SD903980	B2		