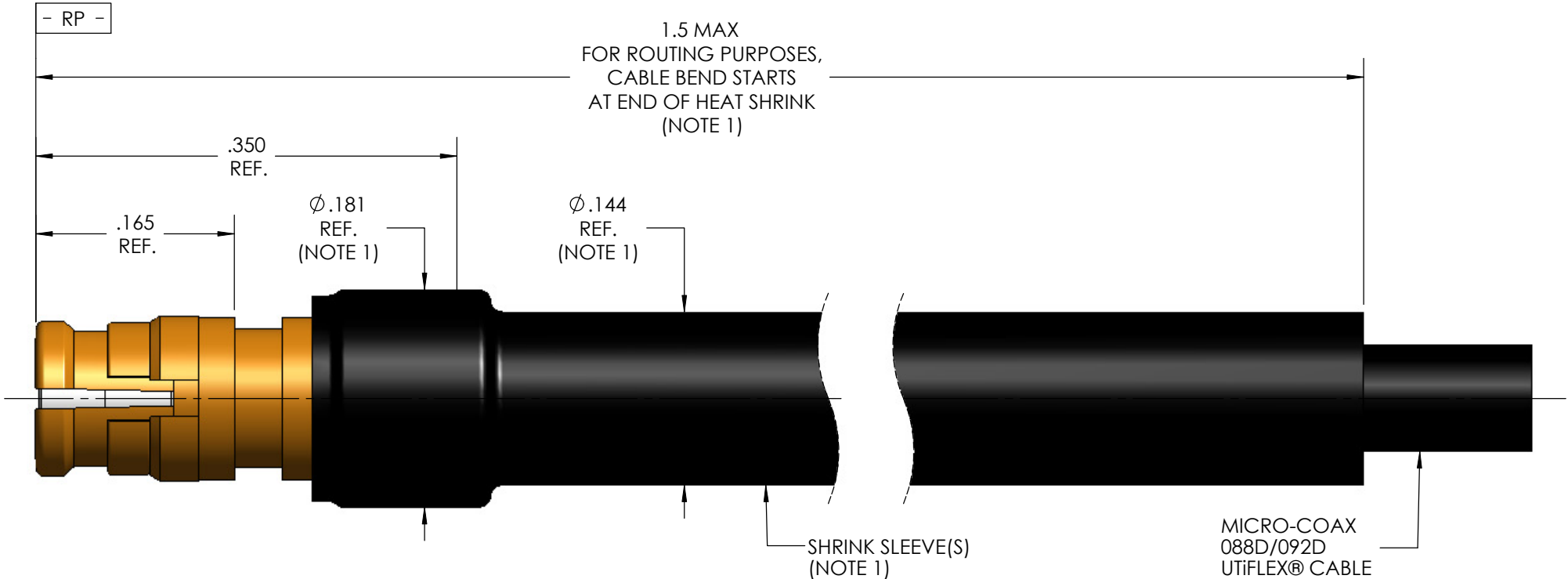


MECHANICAL CHARACTERISTICS	
INTERFACE	MIL-STD-348, FIGURE 326-1
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	DSCC 94007 & 94008 REF.
FORCE TO ENGAGE (FULL, LIMITED, SMOOTH)	15.0, 10.0, 2.0 LBS. MAX.
FORCE TO DISENGAGE (FULL, LIMITED, SMOOTH)	5.0, 2.0, 0.5 LBS. MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	3.0 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	3.0 LBS. MIN.
CABLE RETENTION	6.0 LBS. MIN.
DURABILITY (FULL, LIMITED, SMOOTH)	100, 500, 1000 CYCLES MIN.
MASS	0.28 GRAMS NOM.
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	40.0 GHz
VSWR DC - 18.0 GHz	1.15:1 MAX.
18.0 - 26.5 Ghz	1.20:1 MAX.
26.5 - 40.0 GHz	1.70:1 MAX.
INSERTION LOSS	0.06 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	650 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 3 GHz	-80 dB MIN.
3 - 18 GHz	-65 dB MIN.
CORONA	170 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL (5 MHz)	425 Vrms MIN.
CONTACT RESISTANCE (INNER)	6.0 MilliOhms MAX.
CONTACT RESISTANCE (OUTER)	2.0 MilliOhms MAX.
ENVIRONMENTAL CHARACTERISTICS	
OPERATING TEMPERATURE	-100°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
CORROSION	MIL-STD-202, METHOD 101, CONDITION B, 5%
MATERIALS AND FINISH	
BODIES, CONTACT, ANTI-ROCK RING, EMI SHIELD RING	BERYLLIUM COPPER, PER ASTM-B-196, GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
INSULATOR, DIELECTRIC STOP	POLYPHENYLENE SULFIDE (PPS), PER ASTM-D-6358
APPLICATION	
CABLE(S)	088D/092D
INSTALLATION	PER CONFIGURATOR
CONNECTOR CODE SHEET 1	F10
CONNECTOR CODE SHEET 2	FR0

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NOTE:

1. MARKER LOCATION ON THIS DRAWING IS FOR REFERENCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE.
2. ALL SPECIFICATIONS LISTED ON THIS DRAWING WILL ALSO APPLY TO CONNECTOR 904213-EM (EQUIPMENT MODEL).
3. SEE SHEET 2 FOR HEAT SHRINK FORMED ELBOW CONFIGURATION.

REV.	DESCRIPTION	DATE	BY	APPVD
A	INITIAL RELEASE	6/7/2005	JMK	RDS
A1	ECO 55761	10/20/2005	JMK	RS
B	ECO 65307	8/15/2006	JMK	RDS
B1	ECO 105494	6/4/2010	MJM	MJR
C	ECO 115360	6/20/2011	MJM	RS
D	ECO 135090	2/20/2013	MJM	RS

SPECIFICATION DRAWING

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	12/10/04							
		CHKD.	CCF	6/23/11							
		APPVD.									
TOLERANCES UNLESS OTHERWISE SPECIFIED		TITLE									
		SMP JACK, 088D/092D, SPACE GRADE									
.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 8:1	SHEET NO. 1 OF 2	DRAWING NO. SD904213	REV D		
.XXX	± .005										
.XXXX	± .0010										
ANGLES	± 2°										

THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.

ISOMETRIC VIEW
SCALE 4:1

Technical drawing of a cable bend assembly. The drawing shows a side view of a cable with a 90° bend. The cable is labeled "MICRO-COAX 088D/092D UTIFLEX® CABLE". The bend is defined by a radius "R.25 REF.". The cable has a diameter of "Ø.144 REF.". The assembly includes a "SHRINK SLEEVE(S) (NOTE 1)" and a "90° REF." bend. Dimensions are provided for the straight sections: ".165 REF.", ".350 REF.", ".45 REF.", and ".9 MAX". A note indicates "FOR ROUTING PURPOSES, CABLE BEND STARTS AT END OF HEAT SHRINK (NOTE 1)". A small box contains the text "- RP -".

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		<div>MICRO-COAX®</div> <div>Leading the way in transmission line solutions.</div> <div>Copyright Micro-Coax, Inc.</div>			
		DWN.	JMK	12/10/04					
		CHKD.	CCF	6/23/11					
		APPVD.							
.XX	± .02	TITLE		SMP JACK, HEAT SHRINK FORMED ELBOW, 088D/092D, SPACE GRADE					
.XXX	± .005								
.XXXX	± .0010								
ANGLES	± 2°								
				FSCM NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	REV.
				64639	B	8:1	2 OF 2	SD904213	D