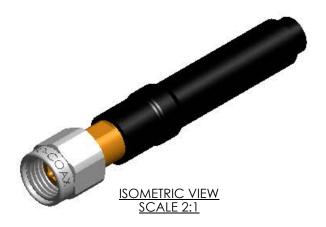
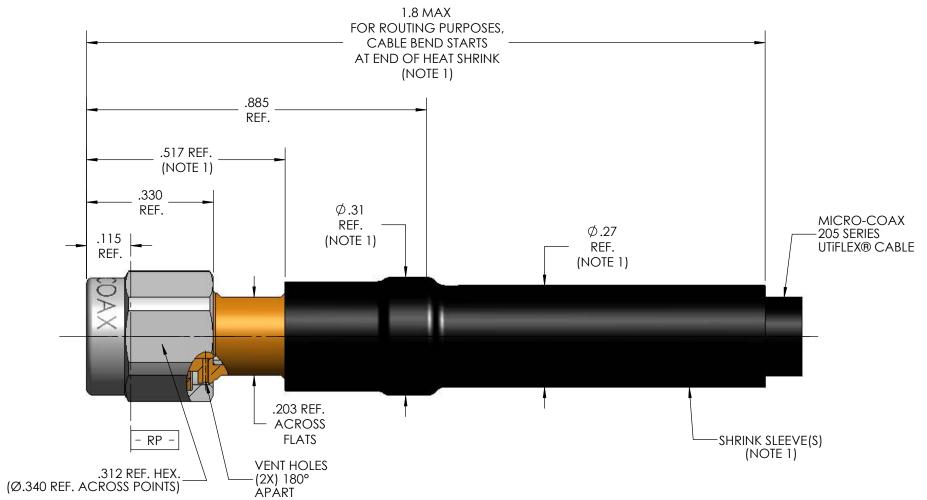
MECHANICA	AL CHARACTERISTICS
INTERFACE	MIL-STD-348, FIGURE 323.1
IN ACCORDANCE WITH THE INTENT OF SLANT SHEET	IEEE P287 REF.
RECOMMENDED MATING TORQUE	9 IN-LBS. NOM.
COUPLING PROOF TORQUE	15 IN-LBS MIN.
COUPLING NUT RETENTION	60 LBS. MIN.
FORCE TO ENGAGE	2 LBS. MAX.
FORCE TO DISENGAGE	2 LBS. MIN.
DURABILITY	500 CYCLES MIN.
AXIAL CONTACT RETENTION (FROM INTERFACE)	6 LBS. MIN.
AXIAL CONTACT RETENTION (FROM CABLE)	6 LBS, MIN.
CABLE RETENTION	30 LBS. MIN.
MASS	3.37 GRAMS NOM.
	S. C.
ELECTRICAL	CHARACTERISTICS
IMPEDANCE	50 Ohms NOM.
MAXIMUM FREQUENCY	26.5 GHz
VSWR DC - 18 GHz	1.16:1 MAX.
18 - 26.5GHz	1.20:1 MAX
INSERTION LOSS	0.03 √F (GHz)dB MAX.
DIELECTRIC WITHSTANDING VOLTAGE	950 Vrms MIN.
INSULATION RESISTANCE	5000 MegaOhms MIN.
RF LEAKAGE DC - 18 GHz	-90 dB MIN.
18 GHz - 26 GHz	TBD
CORONA	250 Vrms MIN. @ 70,000 FEET
RF HIGH POTENTIAL	625 Vrms MIN.
CONTACT RESISTANCE (INNER) CONTACT RESISTANCE (OUTER)	3.0 MilliOhms MAX. 2.0 MilliOhms MAX.
CONTROL RESISTANCE (COTER)	2.0 Williothing Wil W.
ENVIRONMEN	TAL 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%
MATERI.	LS AND FINISH
COUPLING NUT & SLEEVE	STEEL, CORROSION RESISTANT, PER ASTM-A-582, UNS NO. S30300, PASSIVATED PER ASTM-A-967
SNAP RING	BERYLLIUM COPPER, PER ASTM-B-197
	BERYLLIUM COPPER, ASTM-B-196
CONTACT & BODY	GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
CONTACT & BODY DIELECTRIC BEAD	GOLD PLATED PER MIL-DTL-45204,
CONTACT & BODY DIELECTRIC BEAD DIELECTRIC STOP	GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290
DIELECTRIC BEAD	GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290 POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205
DIELECTRIC BEAD DIELECTRIC STOP	GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290 POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205
DIELECTRIC BEAD DIELECTRIC STOP	GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290 POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205 TFE FLUOROCARBON PER ASTM-D-1710
DIELECTRIC BEAD DIELECTRIC STOP	GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290 POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205 TFE FLUOROCARBON PER ASTM-D-1710 PLICATION
DIELECTRIC BEAD DIELECTRIC STOP AP CABLE(S)	GOLD PLATED PER MIL-DTL-45204, OVER NICKEL PLATE PER AMS-QQ-N-290 POLYETHERIMIDE THERMOPLASTIC, PER ASTM-D-5205 TFE FLUOROCARBON PER ASTM-D-1710 PLICATION 205 SERIES CABLE

THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.



REV.	DESCRIPTION	DATE	BY	APPVD
Α	initial release	05/05/05	SRS	RS
Al	ECO 55897	12/21/2005	JMK	RS
A2	ECO 105494	6/4/2010	MJM	RS
A3	ECO 115219	4/13/2011	MJM	RS
A4	ECO 115401	7/11/2011	MJM	RS
В	ECO 115514	8/31/2011	MJM	RS
С	ECO 125640	12/6/2012	MJM	RS



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 903670-EM (EQUIPMENT MODEL).
- 3. SEE SHEET 2 FOR HEAT SHRINK FORMED ELBOW CONFIGURATION.

SPECIFICATION DRAWING

THIS SPECIFICATION IS THE		INITIALS	DATE	1
PROPERTY OF MICRO-COAX, INC. AND MAY NOT BE USED	DWN.	SRS	05/05/05	
OR COPIED WITHOUT THE EXPRESS WRITTEN PERMISSION	CHKD.	CCF	7/26/11	L
OF MICRO-COAX, INC.	APPVD.			
TOLERANCES UNLESS OTHEWISE SPECIFIED	TITLE	2 92 PI	LIG VENIT	FΓ

MICRO-COAX®	
Leading the way in transmission line solutions.	
Copyright Micro-Coax, Inc.	

TOLERANCES UNLESS OTHEWISE SPECIFIED		2.92 PLUG, VENTED, 205 SERIES CABLE, SPACE GRADE							
.XX	± .02								
.XXX	± .005	ALL DIMENSIONS IN INCHES UNI ESS OTHERWISE SPECIFIED.	FSCM NO.	SIZE	SCALE	SHEET NO.	DRAWING NO.	REV	
.XXXX.	± .0010	SCREW THDS. TO BE IN ACCORD	64639	D	4.1	1 OF 2	SD903670		
ANGLES	± 2°	WITH ANSI B1.1-1989.	04037	D	4.1		30703070		

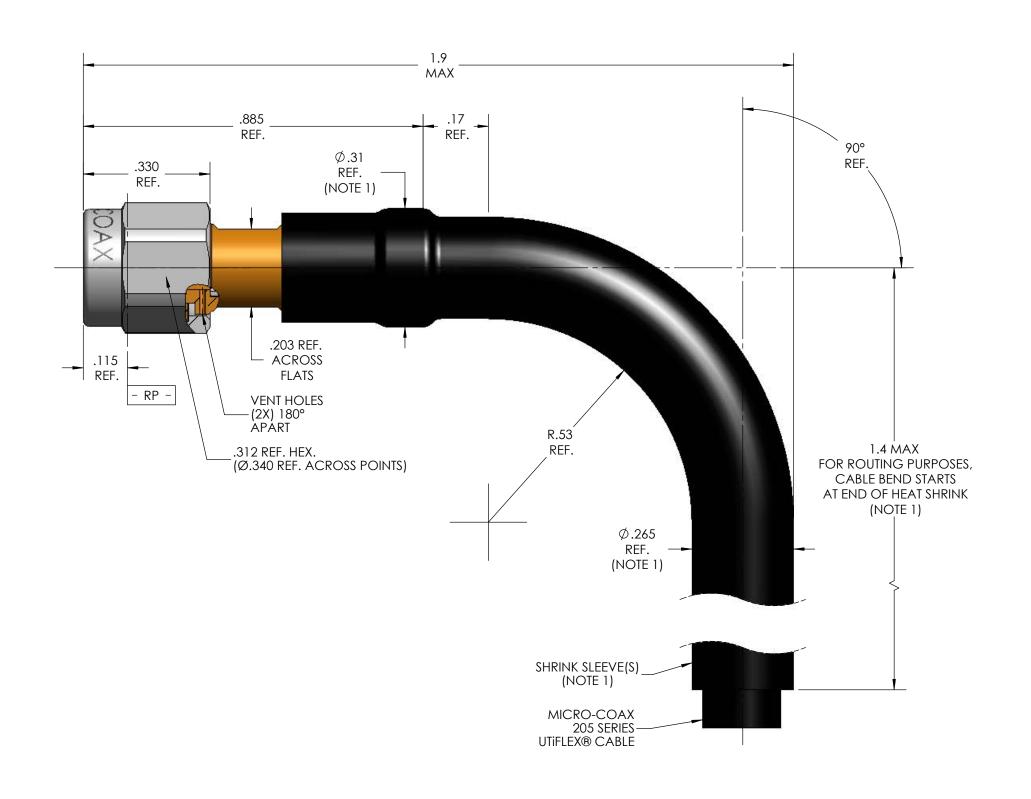
THIS SPECIFICATION IS THE PROPERTY OF MICRO-COAX, INC.
AND MAY NOT BE USED OR COPIED WITHOUT THE EXPRESS
WRITTEN PERMISSION OF MICRO-COAX, INC.

THIS DRAWING IS PROPRIETARY AND CONFIDENTIAL.

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 DIMENSIONS AND TOLERANCES IN INCHES UNLESS OTHERWISE SPECIFIED.		INIT	ALS	DAT		UAF	20-	004	V R
		DWN.	SRS	05/05/	05			COA	
		CHKD.	CCF	7/26/	11 Lead	Leading the way in transmission line solutions.			
.XX	± .02	APPVD.				Copyright Micro-Coax, Inc.			
.XXX	± .005	TIT! F	2.00	DILIC	VENITED	LIEAT CLID	INIV EODA	AED ELBOVA	
.XXXX	± .0010	TITLE	21, 2 1 20 0 , 1 21 11 22 , 11 21 11 11 11 11 11 11 11 11 11 11 11						
ANGLES	± 2°	1	205 SERIES CABLE, SPACE GRADE						
FSCM NO. SIZ					SIZE	SCALE	SHEET NO.	DRAWING NO.	REV.

В

64639

4:1

2 OF 2 SD903670 C