

P/N	Ø A	CABLE TYPE	FIGURE
-1CC	.049 MIN	.047 SEMI-RIGID	1
-2CC	.088 MIN	.085 SEMI-RIGID	1
-3CC	.049 MIN	.047 MICROPOROUS	1
-4CC	.088 MIN	.085 MICROPOROUS	1
-5CC THRU -16CC: OBSOLETE			

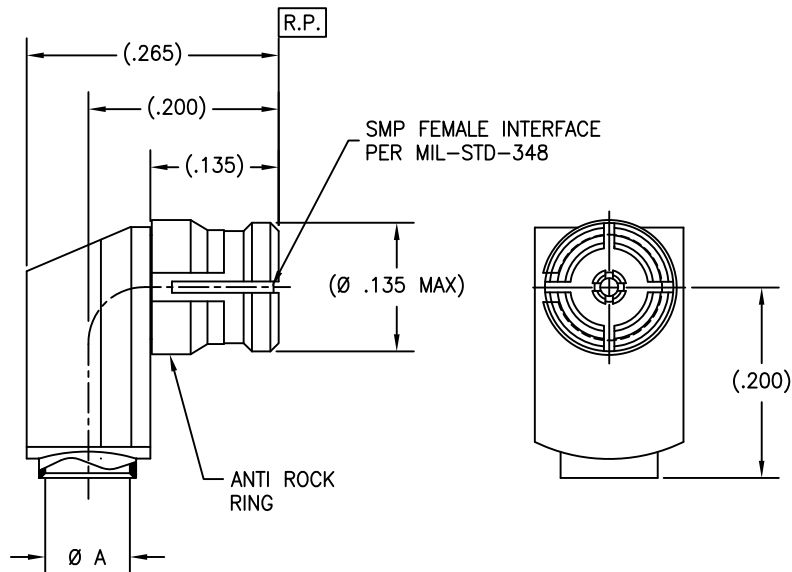


FIGURE 1

REVISIONS			
REV	DESCRIPTION	DATE	BY
K	ECO 18058	03.30.05	RC
L	ECO 24840	08/19/11	ABN
M	ECO 26098 (OBSOLETE -5 THRU -16CC)	08.21.12	DKN

MATERIAL(S):	ELECTRICAL(S):	MECHANICAL:	ENVIRONMENTAL:
Body: BeCu alloy per ASTM B-196. Center Conductor: BeCu alloy per ASTM B-196. Anti-Rock,EMI Ring : BeCu alloy per ASTM B-196. Dielectric: PTFE per ASTM D-1710.	Impedance: 50 Ohms nominal. Freqancy Range: DC to 26.5 GHz. VSWR: 1.20:1 max to 26.5 GHz. Insertion Loss: .15 dB max to 26.5 GHz. Working Voltage: 335 Vrms max @ sea level. 65 Vrms @ 70,000 ft. Dielectric Withstanding Voltage: 500 Vrms min. R.F. HiPot Voltage: 325 Vrms min @ 5MHz. Corona Level: 190 Vrms @ 70,000 ft. Insulation Resistance: 5,000 MegOhms min. Contact Resistance: Center Contact: 4.0 Milliohm max. Outer Contact: 2.0 Milliohm max. R.F. Leakage: -80 dB max to 3.0GHz -65 dB max to 18GHz	Mating Characteristics: Interface per Mil-Std-348. Force To Engage: Full Detent: 15 lbs max Limited Detent: 10 lbs max Smooth Bore: 2 lbs max Force To Disengage: Full Detent: 5 lbs min Limited Detent: 2 lbs min Smooth Bore: .5 lbs min Connector Durability: Depend on Detent	Temperature Range: -65' to +165'. Thermal Shock: Mil-Std-202, Method 107, Test Cond. B. Moisture Resistance: Mil-Std-202, Method 106, except step 7b shall be omitted. Insulation resistance at least 1,000 MegOhms within 5 minutes after removal from humidity. Corrosion: Mil-Std-202, Method 101, Test Cond. B. Vibration: Mil-Std-202, Method 204, Test Cond. D. Shock: Mil-Std-202, Method 213, Test Cond. I. Solderability: Mil-Std-202, Method 208.

FINISH(ES):
Body, Center Conductor, EMI,Anti-Rock Ring: Gold plate per ASTM B-488, type II, grade C, class 1.25; over nickel under plate per SAE-AMS-QQ-N-290, class 1.

APPLICABLE CARLISLE IT DOCUMENTS		
WORK STD	PROD INST	ASSY INST
NA	NA	AI-311
		AI-312

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MATERIAL		SPECIFICATION		PROCUREMENT	
APPROVAL INITIALS	DATE	CARLISLE Interconnect Technologies Cerritos, CA 90703			
DRAWN BY BRD	01/27/96	TITLE SMP FEMALE RIGHT ANGLE TO SEMI-RIGID AND MICROPOROUS CABLE (26.5 GHz)			
CHECKED BY DNG	08/30/12	SCALE	10/1	OUTLINE/_OLPXXX	SHEET 1 OF 1
TEST ENG		DESIGN ENGG HT	08/23/11	SIZE	CAGE CODE
QUALITY		MFG ENGG		08/22/12	DRAWING NO.
		ECO APPRV PCV			P655
					REV. M