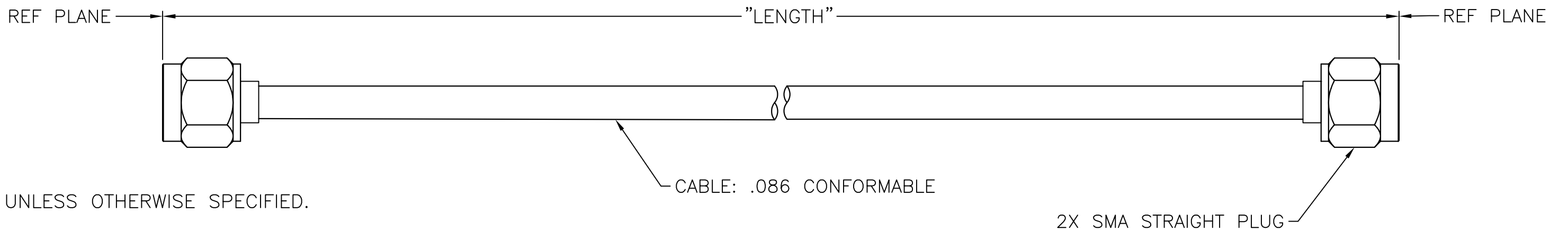


REV	ECO	DATE
001	56627	1/9/2017

MODEL NUMBER	LENGTH (MM)	NOMINAL ELECTRICAL DELAY (nS)	INSERTION LOSS (MAX dB) Vs. FREQUENCY (GHz)						VSWR (MAX) Vs. FREQUENCY f (GHz)		
			0 TO 1	1 TO 2	2 TO 4	4 TO 6	6 TO 12	12 TO 18	0 TO 1	1 TO 2	2 TO 18
			415-0081-MM75	75	0.36	0.12	0.17	0.24	0.29	0.41	0.50
415-0081-MM100	100	0.48	0.14	0.20	0.28	0.34	0.49	0.60			
415-0081-MM125	125	0.60	0.16	0.23	0.33	0.40	0.56	0.69			
415-0081-MM150	150	0.72	0.19	0.26	0.37	0.45	0.64	0.78			
415-0081-MM175	175	0.84	0.21	0.29	0.42	0.51	0.71	0.88			
415-0081-MM200	200	0.96	0.23	0.32	0.46	0.56	0.79	0.97			
415-0081-MM250	250	1.19	0.27	0.38	0.55	0.67	0.94	1.16			
415-0081-MM500	500	2.39	0.49	0.69	1.00	1.21	1.71	2.09			
415-0081-MM750	750	3.57	0.71	1.00	1.44	1.76	2.47	3.01			



NOTES: UNLESS OTHERWISE SPECIFIED.

1. MATERIALS AND FINISH:

1.1 SMA STRAIGHT PLUG:

- 1.1.1 BODY & COUPLING NUT: GOLD PLATED BRASS
- 1.1.2 CONTACT: GOLD PLATED BRASS
- 1.1.3 INSULATOR: PTFE (TEFLON)
- 1.1.4 C-SPRING: UNPLATED BERYLLIUM COPPER

1.2 CABLE .086 CONFORMABLE:

- 1.2.1 SHIELD: TIN FILLED COPPER BRAID OVER COPPER FOIL
- 1.2.2 DIELECTRIC: PTFE (TEFLON)
- 1.2.3 CENTER CONDUCTOR: SILVER PLATED STEEL

2. SPECIFICATIONS:

- 2.1 FREQUENCY: 0-18 GHz
- 2.2 VSWR: (SEE P/N BLOCK)
- 2.3 INSERTION LOSS: (SEE P/N BLOCK)
- 2.4 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS
- 2.5 WORKING VOLTAGE: 335 VRMS

<p>This PROPRIETARY Document is property of Cinch Connectivity Solutions. It is confidential in nature, non-transferable, and issued with the clear understanding that it is not to be traced or copied without permission and is returnable upon demand.</p> <p>INTERPRET DRAWING ACCORDANCE WITH ASME Y14.5-2009.</p>	Model No. 415-0081-MXXXX	JOHNSON		
	RoHS2 2011/65/EU	Cage Code 34078	Title: CABLE ASSY, METRIC, STR SMA PLUG TO STR SMA PLUG, .086 CONFORMABLE	
	UNLESS OTHERWISE SPECIFIED UNITS: INCH	3RD ANGLE PROJECTION	Drawing No. 415-0081-MXXXX	Rev. 001
	.XX ± .XXX ± ANGLES ± 2°	Drawn By: M. Sourphong Date: 1/11/2017	SIZE B	DO NOT SCALE DRAWING Workmanship Std SEE NOTES SHEET 1 OF 1