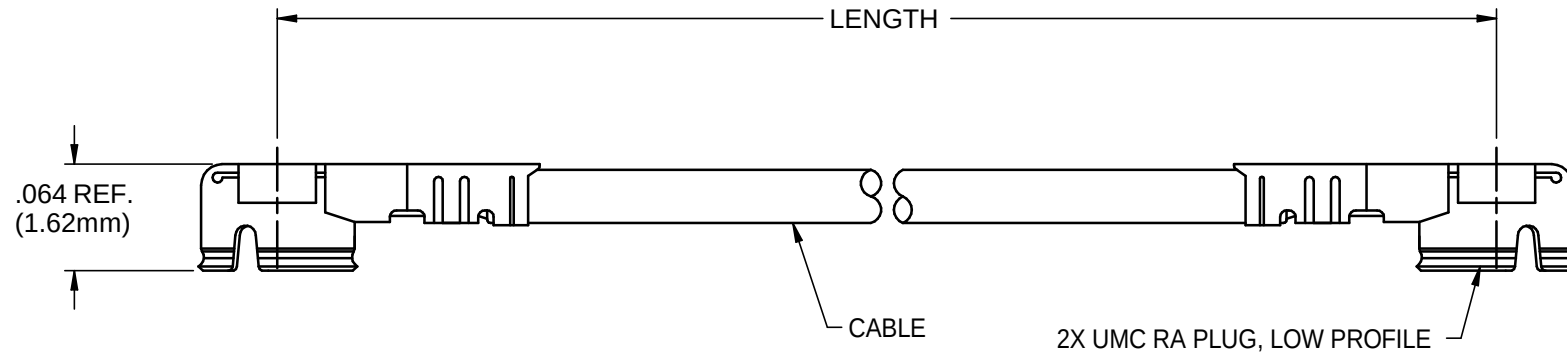


REV	ECO	DATE
004	55317	11/14/2014
005	55603	4/15/2015
006	58153	1/24/2022



NOTES: UNLESS OTHERWISE SPECIFIED.

1. MATERIALS & FINISH:

1.1 UMC RIGHT ANGLE PLUG:

- 1.1.1 BODY & CONTACT: GOLD PLATED COPPER ALLOY.
- 1.1.2 INSULATOR: LCP BLACK OR WHITE , UL94V-0

1.2 CABLE:

- 1.2.1 SHIELD: TIN PLATED ANNEALED COPPER WIRE
- 1.2.2 DIELECTRIC: FEP
- 1.2.3 CENTER CONDUCTOR: SILVER PLATED ANNEALED COPPER WIRE AWG#36 (71.002)
- 1.2.4 JACKET: FEP - GRAY

2. SPECIFICATIONS:

- 2.1 IMPEDANCE: 50 OHMS
- 2.2 FREQUENCY RANGE: 0-6 GHz
- 2.3 VSWR: 1.30 MAX AT 0-3 GHz
1.50 MAX AT 3-6 GHz
- 2.4 WITHSTANDING VOLTAGE: 200 V AC
- 2.5 INSULATION RESISTANCE: 500 MEGOHM MIN
- 2.6 CONTACT RESISTANCE:
CENTER CONTACT - 20 MILLI-OHMS MAX
OUTER CONDUCTOR - 20 MILLI-OHMS MAX

3. MECHANICAL:

- 3.1 COMPATIBILITY: MATES WITH U.FL SERIES
- 3.2 HOLDING FORCE (MIN): 0.15 N (FEMALE CONTACT)
- 3.3 DURABILITY: 30 CYCLES

4. ENVIRONMENTAL:

- 4.1 TEMPERATURE RANGE: -40°C to +90°C

PART NUMBER	LENGTH	
	INCH	MM
415-0084-050	1.97±.16	50±4
415-0084-076	2.99±.16	76±4
415-0084-100	3.94±.16	100±4
415-0084-150	5.91±.16	150±4
415-0084-200	7.87±.16	200±4
415-0084-250	9.84±.31	250±8
415-0084-300	11.81±.31	300±8
415-0084-500	19.69±.31	500±8

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	RoHS ☒ 2002/95/EC	Cage Code 34078	Title: CABLE ASSEMBLY, UMC LP PLUG BOTH ENDS, .032 (0.81mm) CABLE	
	UNLESS OTHERWISE SPECIFIED: UNITS: INCH	3RD ANGLE PROJECTION 	Drawing No. 415-0084-001/999	Rev. 006
	.XX ±.02 .XXX ±.005 ANGLES ±2°	Drawn by: M. Souriphong Date: 7/11/2013	Size A	DO NOT SCALE DRAWING Workmanship Std: NONE Sheet 1 of 1

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[415-0084-050](#)