

	LENGTH		ITEM ①	ITEM ②	DRAWING NO.
PART NUMBER	INCH	mm	UMC RIGHT ANGLE PLUG CONNECTOR, LOW PROFILE	CABLE	B - 415-0084-001/999
415-0084-050	1.97±.16	50±4	BODY - COPPER ALLOY- GOLD PLATED CONTACT - COPPER ALLOY - GOLD PLATED INSULATOR - LCP - WHITE, UL94V-0	SHIELD - TIN PLATED ANNEALED COPPER WIRE DIELECTRIC - FEP CENTER CONDUCTOR - SILVER PLATED ANNEALED COPPER WIRE, AWG#36 (7/.002) JACKET - FEP -GREY WHITE	0 REVISIONS
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			ENGINEERING RELEASE
					1 10-20-06 PAT SBD RJB PDW 12-20-06 ECN 50727
					INSULATOR-LCP BLACK WAS WHITE ***** * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFI- * * CATION OR PART NUMBER ADDITION ONLY. * *****
					1a 2-20-07 PAT SBD RJB MJU JCN 4-23-07 ECN 50949
					1b 2-7-11 MS SDJ RJB MS 2-7-11 ECO 52911
					CUSTOMER DRAWING
					THIS DRAWING TO BE INTERPRETED PER ASME Y 14.5M - 1994
					"μSTATION"
					COMPANY CONFIDENTIAL

NOTES:

1. SPECIFICATIONS:

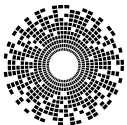
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-6 GHz
VSWR: 1.30 MAX AT 0-3 GHz
1.50 MAX AT 3-6 GHz
WITHSTANDING VOLTAGE: 200 V AC
INSULATION RESISTANCE: 500 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - 20 MILLI-OHMS MAX
OUTER CONDUCTOR - 20 MILLI-OHMS MAX

MECHANICAL:

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

ENVIRONMENTAL:

TEMPERATURE RANGE: -40° C TO +90° C

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE	 cinch CONNECTIVITY SOLUTIONS a bel group Cinch Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS	mm	CHECKED BY	DATE		
.XX	_____	RJB	12-13-06		
.XXX ±.004	_____	APPROVED BY	DATE		
MATL		PDW	12-20-06		
FINISH		RELEASE DATE	12-20-06	TITLE UMC MATING CABLE PLUG .079 (2.0mm) MATING HEIGHT .032 (0.81mm) CABLE O.D.	
		U/M	INCH		SHEET 2 OF 2
			SCALE	10:1	DRAWING NO. B - 415-0084-001/999