PART NUMBER	LENGTH INCH	LENGTH mm	ITEM ① UMC RIGHT ANGLE PLUG CONNECTOR, MEDIUM PROFILE	ITEM ② CABLE
415-0085-050	1.97±.16	50±4	BODY - COPPER ALLOY- GOLD PLATED	SHIELD - TIN PLATED ANNEALED COPPER WIRE
415-0085-100	3.94±.16	100±4	CONTACT - COPPER ALLOY - GOLD PLATED	DIELECTRIC - FEP
415-0085-150	5.91±.16	150±4	INSULATOR - PBT - WHITE, UL94V-0	CENTER CONDUCTOR - SILVER PLATED ANNEALED COPPER WIRE, AWG#36 (7/.002)
415-0085-200	7.87±.16	200±4		
415-0085-250	9.84±.31	250±8		
415-0085-300	11.81±.31	300±8		JACKET - FEP - BLACK
415-0085-500	19.69±.31	500±8		

DRAWING NO.
B - 415-0085-001/999

0	REVISIONS						
ENGINEERING RELEASE							
1	10-20-06	PAT	SBD	RJB	PDW		12-20-06 ECN 50728

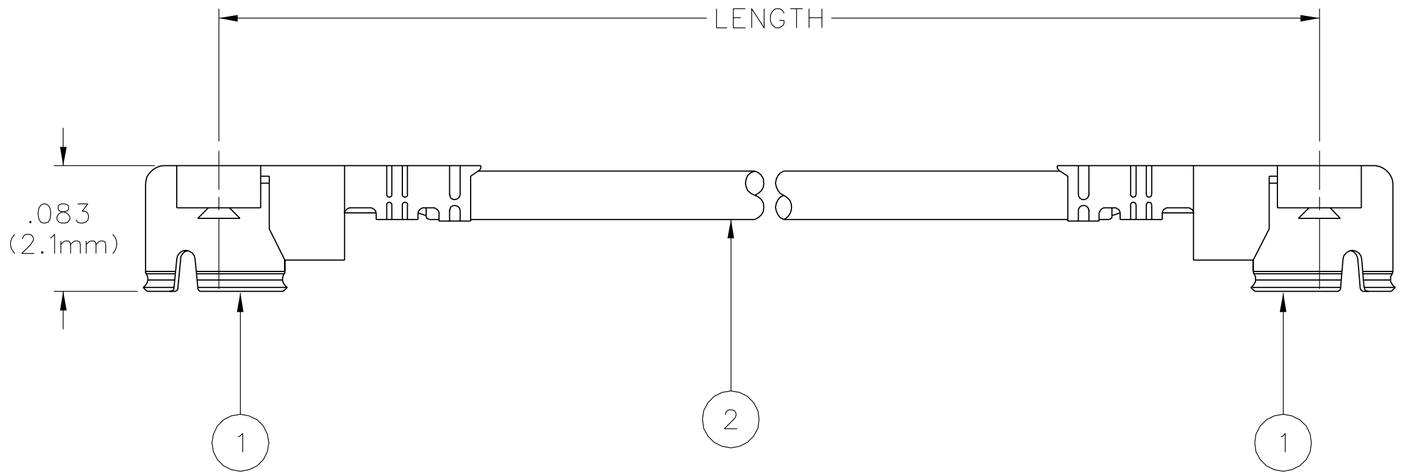
INSULATOR-LCP BLACK WAS WHITE

****
* REVISION NUMBER FOLLOWED BY AN ALPHA *
* CHARACTER INDICATES DRAWING CLARIFI- *
* CATION OR PART NUMBER ADDITION ONLY. *
****

1a	2-23-07	PAT	SBD	RJB	MJU	JCN	4-23-07 ECN 50950

ADD MEDIUM RPOFILE TO ITEM 1
CHANGE BODY MATERIAL TO COPPER ALLOY
CHANGE CONTACT MATERIAL TO COPPER ALLOY
CHANGE INSULATOR COLOR TO WHITE
CHANGE INSULATOR MATERIAL TO PBT
CHANGE SHIELD MATERIAL TO TIN PLATED

1b	2-7-11	MS	SDJ	RJB	MS		2-7-11 ECO 52912



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

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ASME Y 14.5M - 1994

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY PAT	DATE 5-23-06	cinch CONNECTIVITY SOLUTIONS a bel group — Cinch Connectivity Solutions, P.O. Box 1732, Waseca, MN 56093, 1-800-247-8256
DECIMALS .XX ____ mm ____	CHECKED BY RJB	DATE 12-13-06	TITLE UMC MATING CABLE PLUG .098 (2.5mm) MATING HEIGHT .032 (0.81mm) CABLE O.D.
.XXX ±.004 ____	APPROVED BY PDW	DATE 12-19-06	
MATL ____	RELEASE DATE	12-20-06	SHEET 2 OF 2
FINISH ____	U/M INCH	SCALE 10:1	DRAWING NO. B - 415-0085-001/999