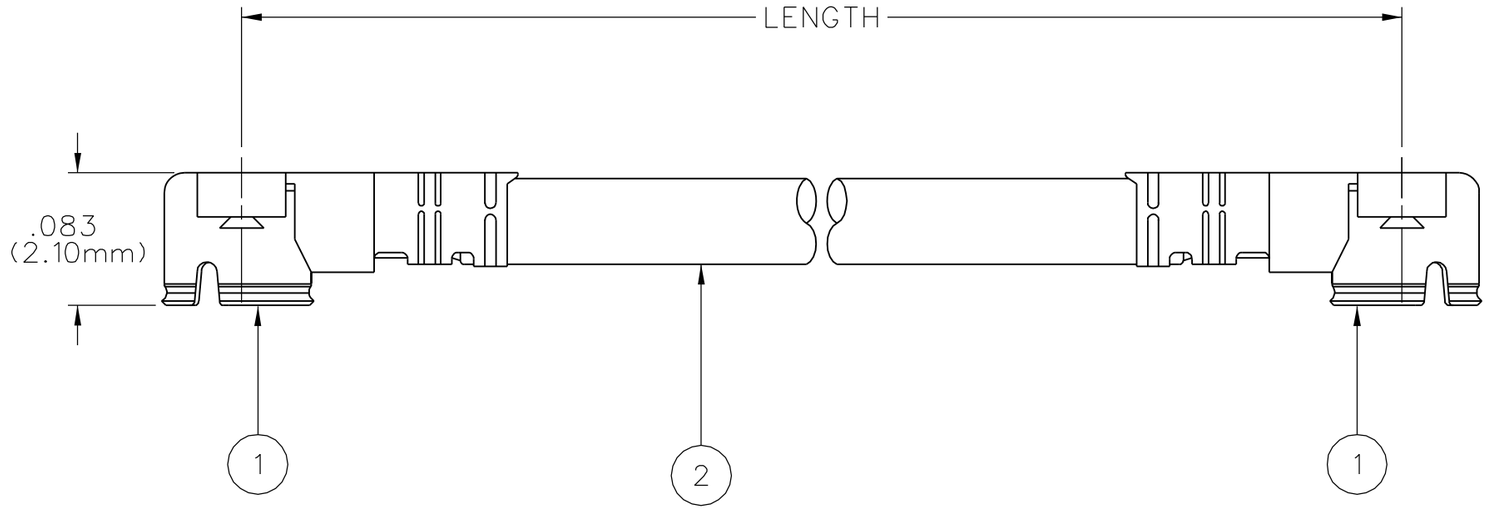
PART NUMBER	LENGTH INCH	LENGTH mm	ITEM ① UMC RIGHT ANGLE PLUG CONNECTOR, MEDIUM PROFILE	ITEM ② CABLE
415-0088-050	1.97±.16	50±4	BODY - COPPER ALLOY - GOLD PLATED	SHIELD - TIN PLATED ANNEALED COPPER WIRE
415-0088-083	3.27±.16	83±4	CONTACT - COPPER ALLOY - GOLD PLATED	DIELECTRIC - FEP
415-0088-100	3.94±.16	100±4	INSULATOR - PBT - BLACK OR NATURAL WHITE, UL94V-0	CENTER CONDUCTOR - SILVER PLATED ANNEALED COPPER WIRE, AWG#30 (7/.004)
415-0088-150	5.91±.16	150±4		
415-0088-200	7.87±.16	200±4		JACKET - FEP - BLACK
415-0088-250	9.84±.31	250±8		
415-0088-300	11.81±.31	300±8		
415-0088-500	19.69±.31	500±8		
415-0088-1220	48.03±.71	1220±18		



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

DRAWING NO.
B - 415-0088-001/XXXX

0 REVISIONS

JACKET - FEP - BLACK WAS WHITE
****
* REVISION NUMBER FOLLOWED BY AN ALPHA *
* CHARACTER INDICATES DRAWING CLARIFI- *
* CATION OR PART NUMBER ADDITION ONLY. *
****

1b	3-26-07	PAT	SBD	RJB	MJU	JCN	4-23-07 ECN 50953

ADDED P/N: 415-0088-083,BODY- COPPER ALLOY WAS PHOSPHOR BRONZE, CONTACT- COPPER ALLOY WAS BRASS, INSULATOR- PBT- NATURAL WAS LCP- WHITE
****
* REVISION NUMBER FOLLOWED BY AN ALPHA *
* CHARACTER INDICATES DRAWING CLARIFI- *
* CATION OR PART NUMBER ADDITION ONLY. *
****

1c	1-21-08	PAT	RJB	MJU	RB	JCN	1-25-08 ECN 51347

ADD MEDIUM PROFILE TO ITEM 1 BLOCK
CHANGE INSULATOR COLOR TO NATURAL WHIT
CHANGE SHIELD MATERIAL TO TIN PLATED
CHANGE CONNECTOR HEIGHT TO .083

1d	2-7-11	MS	SDJ	RJB	MS		2-7-11 ECO 52915

ADDED: BLACK. DELETED VENDOR REFERENCE +/-.006 WAS +/-.004

2	10-3-12	MS	RJB	MJU			10-17-12 ECO 54381

ADDED P/N 415-0088-1220

3	11-26-12	MS	RJB	SJ	MJU		10-27-12 ECO 54479

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE
DECIMALS	mm	PAT	5-23-06
.XX ———	±0.15	CHECKED BY	DATE
.XXX ±.006	———	RJB	12-13-06
MATL ———		APPROVED BY	DATE
		PDW	12-20-06
FINISH ———		RELEASE DATE	12-20-06
U/M INCH		SCALE 10:1	

cinch CONNECTIVITY SOLUTIONS a bel group

Cinch Connectivity Solutions
P.O. Box 1732
Waseca, MN 56093
1-800-247-8256

TITLE
UMC MATING CABLE PLUG
.098 (2.5mm) MATING HEIGHT
.054 (1.37mm) CABLE O.D.

SHEET 2 OF 2

DRAWING NO.
B - 415-0088-001/XXXX

Please read our datasheet & drawing disclaimer here.