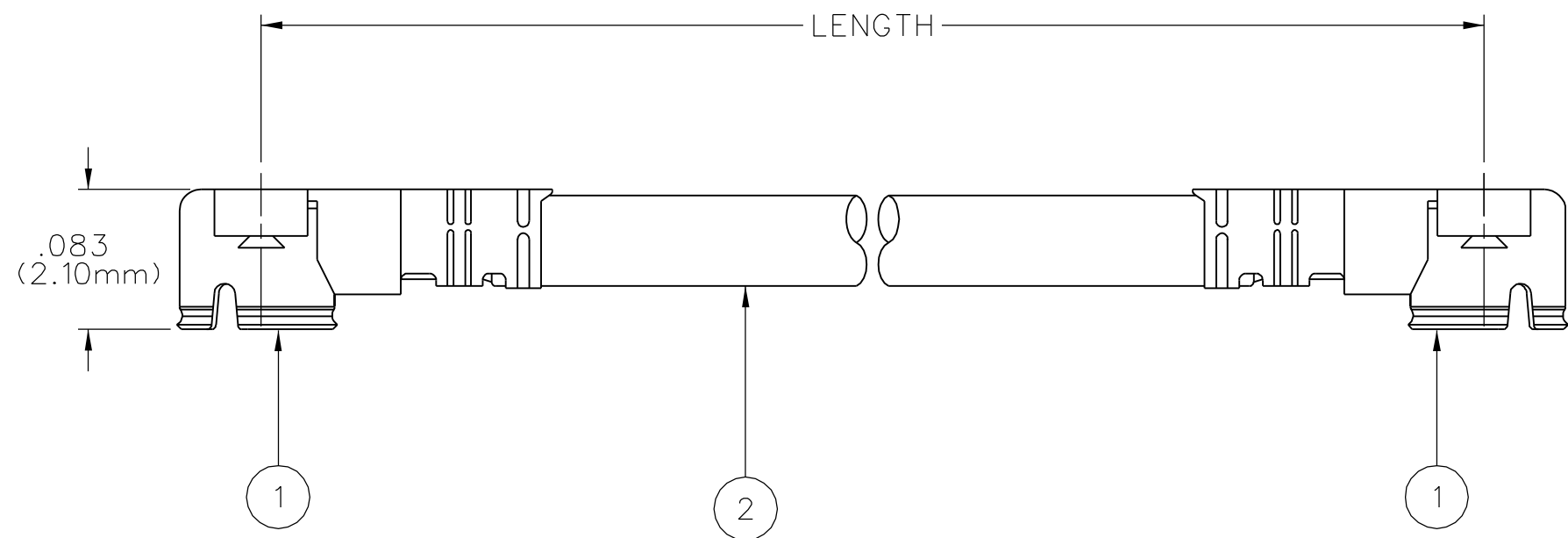


PART NUMBER	LENGTH		ITEM ① UMC RIGHT ANGLE PLUG CONNECTOR, MEDIUM PROFILE	ITEM ② CABLE
	INCH	mm		
415-0088-050	1.97±.16	50±4	BODY - COPPER ALLOY - GOLD PLATED	SHIELD - TIN PLATED ANNEALED COPPER WIRE DIELECTRIC - FEP CENTER CONDUCTOR - SILVER PLATED ANNEALED COPPER WIRE, AWG#30 (7/.004)  JACKET - FEP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

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 P A T S B D R J B M J U J C N 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 P A T R J B M J U R J B J C N 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 M S S D J R J B M S 2-7-11 ECO 52915
ADDED: BLACK. DELETED VENDOR REFERENCE +/- .006 WAS +/- .004	
2	10-3-12 M S R J B M J U 10-17-12 ECO 54381
ADDED P/N 415-0088-1220	
3	11-26-12 M S R J B S J M J U 10-27-12 ECO 54479



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
DECIMALS .XX _____	CHECKED BY RJB	DATE 12-13-06
mm ±0.15	APPROVED BY PDW	DATE 12-20-06
.XXX ±.006 _____	RELEASE DATE 12-20-06	
MATL _____	U/M INCH	SCALE 10:1
FINISH _____		

**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