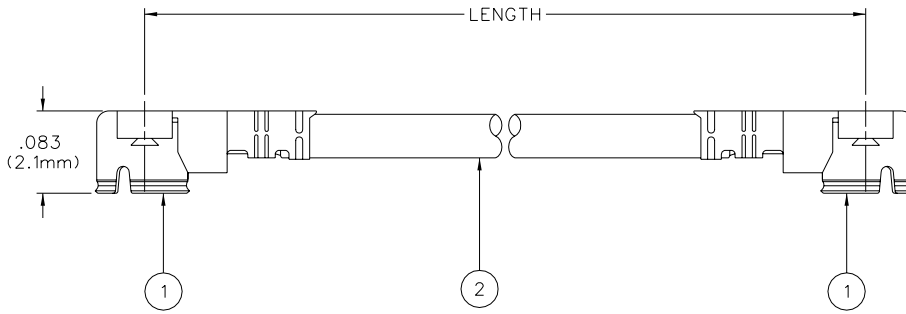


PART NUMBER	LENGTH		ITEM ① UMC RIGHT ANGLE PLUG CONNECTOR, MEDIUM PROFILE	ITEM ② CABLE
	INCH	mm		
415-0086-050	1.97±.16	50±4	BODY - COPPER ALLOY- GOLD PLATED	SHIELD - TIN PLATED ANNEALED COPPER WIRE
415-0086-100	3.94±.16	100±4	CONTACT - COPPER ALLOY - GOLD PLATED	DIELECTRIC - FEP
415-0086-150	5.91±.16	150±4	INSULATOR - PBT - BLACK, UL94V-0	CENTER CONDUCTOR - SILVER PLATED ANNEALED COPPER WIRE, AWG#32 (7/.003)
415-0086-200	7.87±.16	200±4		JACKET - FEP - BLACK
415-0086-250	9.84±.31	250±8		
415-0086-300	11.81±.31	300±8		
415-0086-500	19.69±.31	500±8		

DRAWING NO.		B - 415-0086-001/999	
REVISIONS		0	
ENGINEERING RELEASE			
1	10-20-06	A	12-20-06 ECN 50731
VERSION UPDATE			
* REVISION NUMBER FOLLOWED BY AN ALPHA *			
* CHARACTER INDICATES DRAWING CLARIF. *			
* CATION OR PART NUMBER ADDITION ONLY. *			
1a	2-20-07	A	4-23-07 ECN 50952
ADD MEDIUM PROFILE TO ITEM 1 BLOCK			
CHANGE BODY MATERIAL TO COPPER ALLOY			
CHANGE CONTACT MATERIAL TO COPPER ALLOY			
CHANGE INSULATOR COLOR TO BLACK			
CHANGE INSULATOR COLOR TO PBT			
CHANGE SHIELD MATERIAL TO TIN PLATED			
1b	2-7-11	M	2-7-11 ECO 52913



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	DATE	Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256
DECIMALS	mm	PAT	5-23-06	
.XX		CHECKED BY	DATE	TITLE UMC MATING CABLE PLUG .098 (2.5mm) MATING HEIGHT .044 (1.13mm) CABLE O.D.
.XXX ±.004		RJB	12-13-06	
MATL		APPROVED BY	DATE	SHEET 2 OF 2 DRAWING NO. B - 415-0086-001/999
		PDW	12-19-06	
FINISH		RELEASE DATE	12-20-06	
		U/M INCH	SCALE 10:1	