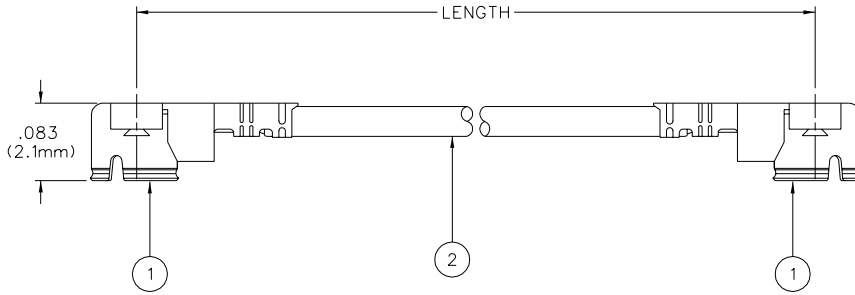


PART NUMBER	LENGTH		ITEM ① UMC RIGHT ANGLE PLUG CONNECTOR, MEDIUM PROFILE	ITEM ② CABLE	DRAWING NO. B - 415-0085-001/999
	INCH	mm			
415-0085-050	1.97±.16	50±4	BODY - COPPER ALLOY- GOLD PLATED	SHIELD - TIN PLATED ANNEALED COPPER WIRE	REVISIONS 0 ENGINEERING RELEASE 1 10-20-06 P A T R J D 12-20-06 T B B W 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 P A S R M J 4-23-07 T B B V N ECN 50950 ADD MEDIUM RPROFILE 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 M S J B M S 2-7-11 ECN 52912
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 (77.002)	
415-0085-200	7.87±.16	200±4		JACKET - FEP - BLACK	
415-0085-250	9.84±.31	250±8			
415-0085-300	11.81±.31	300±8			
415-0085-500	19.69±.31	500±8			



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

"μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY P A T	DATE 5-23-06	EMERSON Network Power TITLE UMC MATING CABLE PLUG .098 (2.5mm) MATING HEIGHT .032 (0.81mm) CABLE O.D.
DECIMALS	mm	CHECKED BY RJB	DATE 12-13-06	
.XX		APPROVED BY PDW	DATE 12-19-06	SHEET 2 OF 2 DRAWING NO. B - 415-0085-001/999
.XXX ±.004		RELEASE DATE 12-20-06	SCALE 10:1	
MATL		U/M	INCH	
FINISH				

Connectivity Solutions

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