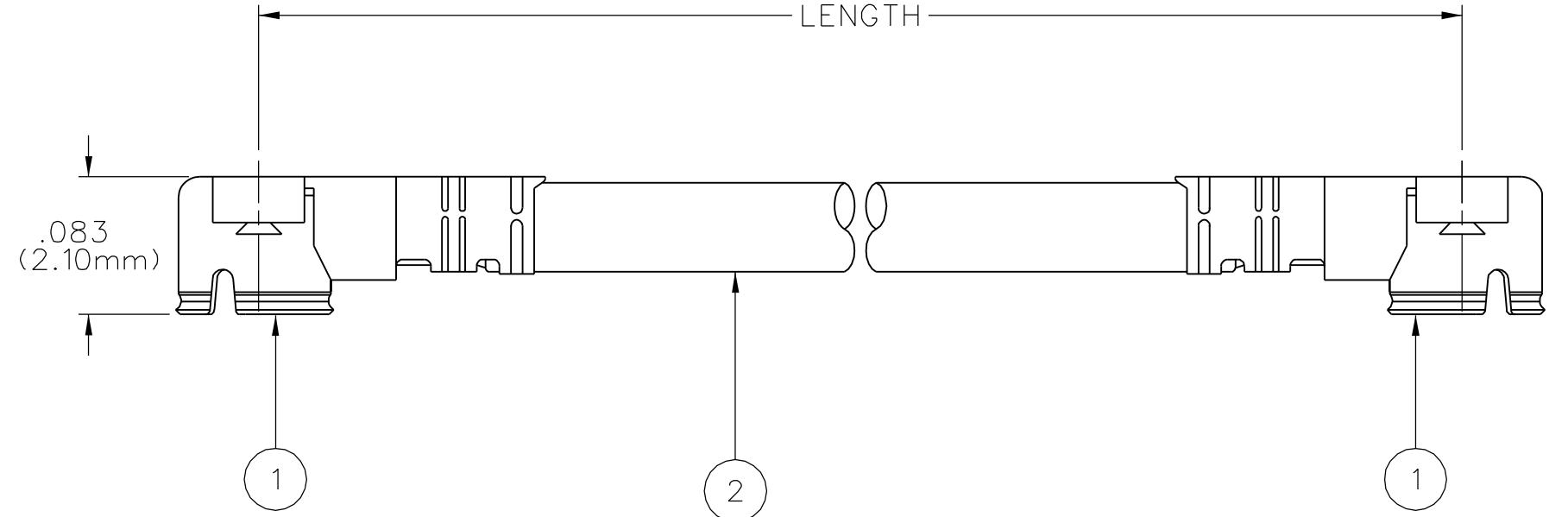


PART NUMBER	LENGTH		ITEM ① UMC RIGHT ANGLE PLUG CONNECTOR, MEDIUM PROFILE	ITEM ② CABLE	DRAWING NO. B - 415-0088-001/XXXX
	INCH	mm			
415-0088-050	1.97±.16	50±4	BODY - COPPER ALLOY - GOLD PLATED	SHIELD - TIN PLATED ANNEALED COPPER WIRE	
415-0088-083	3.27±.16	83±4	CONTACT - COPPER ALLOY - GOLD PLATED	DIELECTRIC - FEP	O REVISIONS
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)	JACKET - FEP - BLACK WAS WHITE
415-0088-150	5.91±.16	150±4		JACKET - FEP - BLACK	***** * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFI- * * CATION OR PART NUMBER ADDITION ONLY. *
415-0088-200	7.87±.16	200±4			***** ***** ***** ***** *****
415-0088-250	9.84±.31	250±8			1b 3-26-07 P S R M J 4-23-07 T A B J C ECN 50953
415-0088-300	11.81±.31	300±8			ADDED P/N: 415-0088-083, BODY- COPPER ALLOY WAS PHOSPHOR BRONZE, CONTACT - COPPER ALLOY WAS BRASS, INSULATOR- PBT - NATURAL WAS LCP - WHITE
415-0088-500	19.69±.31	500±8			***** * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFI- * * CATION OR PART NUMBER ADDITION ONLY. *
415-0088-1220	48.03±.71	1220±18			***** ***** ***** ***** ***** 1c 1-21-08 P R M J 1-25-08 A J J C B N ECN 51347



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

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 S R M J 4-23-07 T A B J C 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 R M J 1-25-08 A J J C B N 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 D R J M S 2-7-11 Eco 52915	ADDED: BLACK. DELETED VENDOR REFERENCE +/- .006 WAS +/- .004
2	10-3-12 M S J R J M U 10-17-12 Eco 54381	ADDED P/N 415-0088-1220
3	11-26-12 M S J R J M U 10-27-12 Eco 54479	

CUSTOMER DRAWING

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

"μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY PAT	DATE 5-23-06	Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256
	DECIMALS .XX	mm ±0.15	
	.XXX ±.006	—	
	MATL	—	
	FINISH	—	
	RELEASE DATE	12-20-06	
	U/M	INCH	SCALE 10:1
	SHEET	DRAWING NO.	2 OF 2
			B - 415-0088-001/XXXX

EMERSON
Network Power

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Emerson Connectivity Solutions:](#)

[415-0088-150](#)