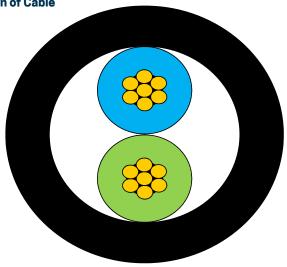
REV.	DESCRIPTION		
1	Updated Cable diameter	3/20/2017	
2	Added Diameter Tolerances	4/12/2017	
3	Add P/N & C	6/18/2017	
4	Added Ampacity values and Mode Coverssion (LCL, LCTL)		
5	Add Data-Sheet "product number" to drawing title		
6	Add -5 thru 10 parts		

General Composition of Cable



Part Number-Primary colors---Jacket

15-08277-001 Lt Blue & Lt GreenBlack
15-08277-002 Grey & Grey/whiteBlack
15-08277-003 Brown/Blk & Grey/BlkBlack
15-08277-004 Brown/Dk Blue & Grey/Dk BlueBlack
15-08277-005 Lt Blue & Lt Green-Black
15-08277-006 Violet Wht & Violet-Black
15-08277-007 Yellow Wht & Yellow-Black
15-08277-008 Lt GreenWht & Lt Green-Black
15-08277-009 Lt Blue Wht & Lt Blue-Black
15-08277-010 Red & Black-Black

Physical Data Dimensions (Nom.)

i ilyologi bata			Dillicitorio (Hollin)	
Description			inches	mm
1. Conductor:	0.35mm2 7/.25mm bare	copper	0.029	0.74
2. Insulation:	EXRAD 150UT	13.3 mil wall thickness	0.056	1.41
Cable:	Twist 2 X 0.35mm ² Lead	Wires	0.102	2.60
4. Insulation:	EXRAD ERGOFLEX	20.0 mil wall thickness	0.142	3.61
	Diameter measured alon	g the major ε Tolerance	+/- 0.004	+/- 0.10
Print	CHAMPLAIN CABLE DATA	ARAD 2 X 0.35mm2 15816 XXXXX		
		Primary Wire Tolerance	0.001	0.025

Electrical Data

Conductor Resistance: 14.90 ohms / kft 48.89 mohms/m nominal

Impedance: 100 +/-5 0hms nom. @36 MHz

Maximum allowable Current @125C, 6 Amps

Requirements	IL	Return Loss	LCL	LCTL		
Frequency MHz	dB/15m	(dB)	(dB)	(dB)		
1	0.6	-25	-60	-57		
10	1.8	-38	-62	-61		
33	3.4	-29	-63	-52		
66	5.2	-28	-56	-62		

General Data

Temperature Range: -55° C to +125° C

Voltage Rating: 60 volts

Flex Bend Radius: inches mm 0.7 18

CHAMPLAIN

TITL

2 X 0.35mm² Ethernet Jacketed Cable 100 Base T Datarad T3-0.35-J

CABLE				
	DRN.		DATE	
UNLESS OTHERWISE SPECIFIED,		Richard Antic	11/1/2016	
TOLERANCES ARE IN INCHES	CKD.		DATE	
		Jun Yi	11/7/2016	
DO NOT COAL E TINO DDAMINO	SIZE	PART NUMBER	DOCUMENT NUMBER	
DO NOT SCALE THIS DRAWING	Α	15-08277-	15816	
The information on this drawing is the proprietary property of Champlain Cable Corporation, and may not be used,				
THOSE TO THE STATE OF THE STATE				

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