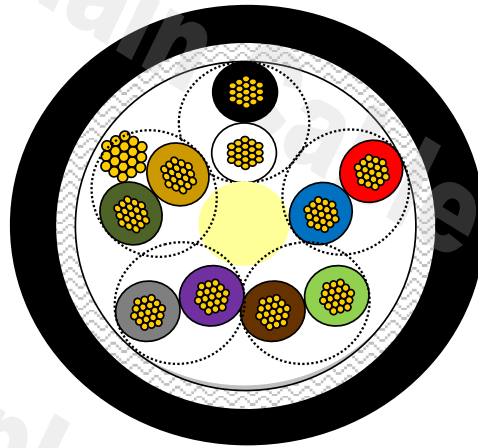


REV.	DESCRIPTION	DATE
0	Initial release.	2/16/2015
1	Added CCC Part Number	3/25/2015
2	Modified Cable Diameter for pair nesting	4/17/2015

General Composition of Cable: 22 AWG 5 Pair Shielded Cable




Color Code		
Pair 1	Cond: 1	Black
	Cond: 2	White
Pair 2	Cond: 1	Red
	Cond: 2	Blue
Pair 3	Cond: 1	LT Green
	Cond: 2	Brown
Pair 4	Cond: 1	Violet
	Cond: 2	Gray
Pair 5	Cond: 1	Tan
	Cond: 2	Dk Green
Jacket:		Black

Design and Construction:

		Diameter mm	Tolerance
1. Conductor:	22 19/34 Tinned Copper	0.76	nom
2. Primary Insulation:	EXRAD 150	1.27	nom
	Twist 2 conductors 1" +/- .25 Left Hand Lay and drain (pair 5 only)	2.54	
3. Drain Wire	20 19/32 Tinned Copper	0.97	nom
	Filler Flame Retardant Polyester	1.78	
	Cable 5 pairs, drain wire and fillers around the filler, 2" +/- .25 Left Hand Lay	6.17	
4. Shield	Al/polyester/Aluminum 20% minimum overlap	6.38	
5. Braided Shield:	38 AWG Tinned Copper, coverage 85% min	6.96	nom
6. Jacket:	EXRAD XLE, Irradiation Cross linked .89mm thickness	9.42	+/- .25mm
	Print: "Champlain EXTRAD 125°C 600V <Mfr Traceability #>", White		

Performance Characteristics:

ROHS Compliant
 Operating Temperature: -55C to +125C
 Operating Voltage, max: 600 VRMS
 Primaries: M16878/14 and SAE J1128 TXL temperature and fluid tests.
 UL 94: VW-1 Primaries
 Jacket Voltage Withstand: 5Kv 1 minute
 Spartest Voltage 3400 volts
 Static Bend Radius, Lead, Min: 4 mm
 Static Bend Radius, Cable, Min: 33 mm

 175 HERCULES DRIVE COLCHESTER, VT 05446 802-654-4200	TITLE		5 Pair 22 AWG Shielded Cable	
	UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES		DRN.	DATE
DO NOT SCALE THIS DRAWING	Rick Antic		2/16/2015	
	CKD.		DATE	
SIZE		PART NUMBER	DOCUMENT NUMBER	
A		15-08132-xxx	14964	
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