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ISO 9001:2008

PRODUCT DATA SHEET

Part No: 85-1608

CONSTRUCTION SPECIFICATIONS

Description	8 Pair 16 AWG Overall Shielded 300V CSA Instrumentation/Tray Cable (LSZH)	
Conductor	16 AWG 7 Strand Tinned Copper - Concentric	
Conductor Diameter	0.058"	
Insulation Type	Cross Linked Polyethylene (XLPE)	
Insulation Thickness	0.025"	
Cable Assembly	Conductors are paired and then cabled together with an overall aluminum/laminate shield and drain.	
Pair Identification	Black & White Number Coded	
Drain Wire	20 AWG 7 Strand Tinned Copper - Concentric	
Shielding Tape	Aluminum/laminate	
Ripcord	Ripcord included under the cable jacket	
Jacket	Flame Retardant Polyethylene	
Jacket Thickness	0.060" (minimum average)	
Overall Cable Diameter	0.748"	
Jacket Print	DECA 8PR 16 AWG SHIELDED 300V CSA TYPE CIC TC 90C WET/90C DRY XLPE SUN RES DIRECT BURIAL -25C FT4-ST1 LL83251 ---- ROHS HALOGEN FREE work order #, month, year, meter markings (every 1 metre)	

ELECTRICALS

Voltage	300V	
Conductor Resistance	4.36	Ohms/Mft @20C
Capacitance	14	pF/ft
Characteristic Impedance	110	Ohms

CERTIFICATIONS AND PHYSICAL PROPERTIES

CSA Certified	CSA C22.2 No. 230, Tray Cables CSA C22.2 No. 239 Control and Instrumentation Cables	
Applications	Class I, Zone 2, Division 2	
Flame Test Rating	CSA FT4	
Temperature Rating	-25C to 90C Wet/90C Dry	
Cable Weight	411	kg/km
Copper Content	191	kg/km
Max Pull Tension	206	kgs
Min Bending Radius	6.00	inches (installed)
Max Cable Length	2175	metres
Min Installation Temp	-25C	

Rev. 002

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