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ISO 9001:2008

PRODUCT DATA SHEET

Part No: 85-1612

CONSTRUCTION SPECIFICATIONS

Description	12 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	0.080" (minimum average)
Overall Cable Diameter	0.876"
Jacket Print	DECA 12PR 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	619 kg/km
Copper Content	284 kg/km
Max Pull Tension	310 kgs
Min Bending Radius	7.25 inches (installed)
Max Cable Length	1675 metres
Min Installation Temp	-25C