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ISO 9001:2008

PRODUCT DATA SHEET

Part No: 91-1875

CONSTRUCTION SPECIFICATIONS

Description	ACIC 1 Pair 18 AWG Shielded, AIA 600V		
Conductor	18 AWG 7 Strand Tinned Copper - Concentric		
Conductor Diameter	0.048" / 1.22 mm		
Insulation Type	Cross Linked Polyethylene (XLPE)		
Insulation Thickness	0.030" / 0.76 mm		
Pair Identification	Black & White		
Shielding Tape	Aluminum/Mylar		
Drain Wire	22 AWG 7 Strand Tinned Copper - Concentric		
Cable Assembly	Conductors are cabled together with a drain wire and taped with an overall aluminum/mylar shield. (foil out, drain out).		
Ripcord	Polyester Ripcord included under the inner jacket		
Inner Jacket	0.045" / 1.14 mm (min. avg) Flame Retardant Low Acid Gas PVC		
Armour	Interlocked Aluminum Armour		
Outer Jacket	0.049" / 1.24 mm (min. avg) Flame Retardant Low Acid Gas PVC		
Overall Cable Diameter	0.620" / 15.75 mm		
Jacket Print	DECA CABLES INC. ACIC 1PR 18 AWG SHIELDED XLPE 600V (-40C) 105C DRY 90C WET HLABCD SUN RES CSA FT4 LL83251 ---- ROHS LAG work order #, month, year, meter markings (every 1 metre)		

ELECTRICALS

Voltage	600V		
Conductor Resistance	6.92	Ohms/Mft @20C	
Capacitance	15	pF/ft	
Characteristic Impedance	105	Ohms	

CERTIFICATIONS AND PHYSICAL PROPERTIES

CSA Certified	*CSA C22.2 No. 239 Control and Instrumentation Cables *CSA C22.2 No. 174 Cables and Cable Glands for Use in Hazardous Locations			
Flame Test Rating	CSA FT4			
Temperature Rating	-40C to 90C Wet/105C Dry			
ROHS	Compliant			
Cable Weight	231	kgs/km	155	lbs/1000ft
Copper Content	19	kgs/km	13	lbs/1000ft
Max Pull Tension	18	kgs	40	lbs
Min Bending Radius	7.50	inches (installed)	191	mms (installed)
Max Cable Length	5700	metres	18701	feet

Rev. 000

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