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ISO 9001:2008

PRODUCT DATA SHEET

Part No: 83-007

CONSTRUCTION SPECIFICATIONS

Description	PLENUM PVC/PVC 2 Pair 22 AWG Individually Shielded FT6 300V	
Conductor	22 AWG 7 Strand Tinned Copper	
Conductor Diameter	0.030"	
Insulation Type	Flame Retardant PVC	
Insulation Thickness	0.007"	
Drain Wire	24 AWG 7 Strand Tinned Copper	
Ind. Shielding Tape	Aluminum/Mylar	
Cable Assembly	Conductors are paired, individually shielded and then cabled together with one common drain. (foil out on shielded pairs)	
Ripcord	Polyester Ripcord included under the jacket	
Jacket	Flame Retardant PVC	
Jacket Thickness	0.015"	
Overall Cable Diameter	0.151"	
Jacket Print	CSA CMP 22 AWG FT6 LL83251 ROHS (work order #)	

ELECTRICALS

Voltage	300V	
Conductor Resistance	16.6	Ohms/Mft @20C
Characteristic Impedance	60	Ohms
Capacitance	32	pf/ft (conductor to conductor)
Capacitance	64	pf/ft (conductor to shield)

CERTIFICATIONS AND PHYSICAL PROPERTIES

CSA Certified	*CSA C22.2 No. 214-02 Communications Cables	
Flame Test Rating	FT6	
Temperature Rating	60C	
ROHS	Compliant	
Cable Weight	26.85	kg/km
Copper Content	13.66	kg/km
Max Pull Tension	14	kgs
Min Bending Radius	2.00	inches (installed)
Min Installation Temp	0C	

Rev. 000

2-Oct-12