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**ISO 9001:2008**

**PRODUCT DATA SHEET**

**Part No: 83-006**

CONSTRUCTION SPECIFICATIONS

<b>Description</b>	PLENUM PVC/PVC 3 Pair 22 AWG Individually Shielded FT6 300V	
<b>Conductor</b>	22 AWG 7 Strand Tinned Copper	
<b>Conductor Diameter</b>	0.030"	
<b>Insulation Type</b>	Flame Retardant PVC	
<b>Insulation Thickness</b>	0.007"	
<b>Drain Wire</b>	24 AWG 7 Strand Tinned Copper	
<b>Ind. Shielding Tape</b>	Aluminum/Mylar	
<b>Cable Assembly</b>	Conductors are paired, individually shielded and then cabled together	
<b>Ripcord</b>	Polyester Ripcord included under the jacket	
<b>Jacket</b>	Flame Retardant PVC	
<b>Jacket Thickness</b>	0.015"	
<b>Overall Cable Diameter</b>	0.232"	
<b>Jacket Print</b>	CSA CMP 22 AWG FT6 LL83251 ROHS (work order #)	

ELECTRICALS

<b>Voltage</b>	300V	
<b>Conductor Resistance</b>	16.6	Ohms/Mft @20C
<b>Characteristic Impedance</b>	45	Ohms
<b>Capacitance</b>	40	pf/ft (conductor to conductor)
<b>Capacitance</b>	80	pf/ft (conductor to shield)

CERTIFICATIONS AND PHYSICAL PROPERTIES

<b>CSA Certified</b>	*CSA C22.2 No. 214-02 Communications Cables	
<b>Flame Test Rating</b>	FT6	
<b>Temperature Rating</b>	60C	
<b>ROHS</b>	Compliant	
<b>Cable Weight</b>	43.09	kg/km
<b>Copper Content</b>	23.21	kg/km
<b>Max Pull Tension</b>	21	kgs
<b>Min Bending Radius</b>	3.00	inches (installed)
<b>Min Installation Temp</b>	0C	

Rev. 000

31-May-10