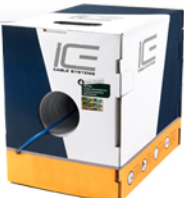
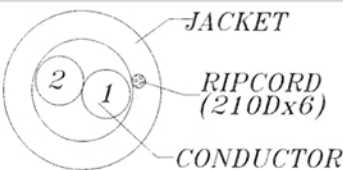


# Product Specification



<p>18-2 Plenum</p> <p><b>Spec No:</b> S-024</p> <p><b>Date:</b> 4/12/2014</p> <p><b>Approved By:</b> Brian Rizzo</p> 	<p>Cross Section</p> 	<p>Packaging</p> <p> Box 1000 Ft.</p> <p>Colors</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>
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<h2>Description</h2>									
<p>18-2 Plenum, 18AWG, 2 Conductor, Stranded, Bare Copper, CM Plenum &amp; FT6 Rated for Commercial and other Plenum Audio Applications.</p>									
<p><b>Description</b></p> <table border="0"> <tr> <td>Rated Voltage (V)</td> <td>300</td> </tr> <tr> <td>Rated Temperature (°C)</td> <td>75</td> </tr> <tr> <td>Product Standard Certification</td> <td>c(UL) CMP</td> </tr> <tr> <td>Flame test</td> <td>UL 910, NFPA 262, CSA FT6</td> </tr> </table>		Rated Voltage (V)	300	Rated Temperature (°C)	75	Product Standard Certification	c(UL) CMP	Flame test	UL 910, NFPA 262, CSA FT6
Rated Voltage (V)	300								
Rated Temperature (°C)	75								
Product Standard Certification	c(UL) CMP								
Flame test	UL 910, NFPA 262, CSA FT6								
<p><b>Application</b></p> <p>Power-limited circuit cables for use as fixed wiring within buildings (some are also marked for direct burial).</p>									
<p><b>Reference Standard:</b></p> <p>UL 444 &amp; the customer's specification.</p>									

<h2>Performance</h2>							
<p><b>Electrical Characteristics (20°C)</b></p> <table border="0"> <tr> <td><b>Conductor DC Resistance (Ω/KM)</b></td> <td>23</td> </tr> <tr> <td><b>Voltage</b></td> <td>300 Volts RMS</td> </tr> <tr> <td><b>Temperature</b></td> <td>-6°C to 60°C</td> </tr> </table>		<b>Conductor DC Resistance (Ω/KM)</b>	23	<b>Voltage</b>	300 Volts RMS	<b>Temperature</b>	-6°C to 60°C
<b>Conductor DC Resistance (Ω/KM)</b>	23						
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<b>Temperature</b>	-6°C to 60°C						
<p><b>Mechanical Characteristics</b></p> <table border="0"> <tr> <td>Test Object</td> <td>Jacket</td> </tr> <tr> <td>Test Material</td> <td>CMP-PVC</td> </tr> <tr> <td>Before Tensile Strength (kg/mmP2)</td> <td>≥1.05</td> </tr> </table> <p><small>Sequential footmarks applied every four feet in conjunction with the print legend. "XXX/XXX" Stands for Length. eg: 000/1000; 004/0996; 008/0992...</small></p>		Test Object	Jacket	Test Material	CMP-PVC	Before Tensile Strength (kg/mmP2)	≥1.05
Test Object	Jacket						
Test Material	CMP-PVC						
Before Tensile Strength (kg/mmP2)	≥1.05						

<h2>Construction</h2>	
<p><b>Conductor Component</b></p> <p>AWG</p> <p>Construction (± 0.008mm)</p> <p>Stranded Dia. (±0.05mm)</p> <p><b>Insulation</b></p> <p>Nom. Thickness (mm)</p> <p>Insulation Dia. (±0.05mm)</p> <p><b>Ripcord Jacket</b></p> <p>Nom. Thickness (mm)</p> <p><b>Outer Dia. (±0.10mm)</b></p>	<p>Stranded Bare Copper</p> <p>2C</p> <p>18</p> <p>7/0.40</p> <p>1.20</p> <p>CMP-PVC</p> <p>0.203</p> <p>1.65</p> <p>210 Dx6 Nylon Thread</p> <p>CMP-PVC</p> <p>0.381</p> <p>3.92</p>
<p><b>Insulation/Conductor Colors</b></p>	
<p><b>Component</b></p> <p><b>Jacket Colors</b></p>	<p>1. Red</p> <p>2. Black</p> <p>Pantone White</p> <p>Pantone Black</p>

<h2>Compliance</h2>			
		<p><b>CMP</b></p>	<p><b>FT6</b></p>

## Jacket Marking (Black)

ICE CABLE SYSTEMS 18-2 PLENUM SPEAKER CABLE 18AWG 2C E312434-22 c(UL) CMP FT6 75C OR E301442-22 (UL) CL3P ROOM: ENT KIT NK FAM LR DR POWD OFF POO PAT MBR MBA BR1 BR2 BR3 BR4 BR5 GAR GYM 1 2 3 4 5 6 "ROHS" XXX/XXX FT