

# Vantage 16-2 600V Speaker Cable Specification

Cross Section	Performance																
	<p><b>Electrical Characteristics:</b></p> <p><b>DCR: 4.18 Ohm per 1000ft</b>  <b>Voltage: 600v</b></p> <p><b>EU RoHS Compliant</b></p>																
Description																	
Rated Temperature (°C)	75																
Rated Voltage(V)	<b>600</b>																
Construction																	
<b>Conductor</b>	<b>Stranded BC</b>																
AWG	16																
Conductor Dia. (mm)	<b>65/0.16</b>																
<b>Insulation</b>	<b>PVC</b>																
Average Thickness(mm)	0.78																
Min. Point Thickness(mm)	0.70																
Insulation Dia.(±0.05mm)	<b>3.05</b>																
<b>Assembly Dia.(±0.1mm)</b>	<b>6.00</b>																
<b>Jacket</b>	<b>PVC</b>																
Average Thickness(mm)	0.95																
Min. Point Thickness(mm)	0.86																
Outer Dia.(±0.1mm)	<b>8.00</b>																
Rip Cord	Yes																
Color																	
<b>Insulation colors are:</b>																	
1.Red																	
2.Black																	
<b>Jacket color:</b>																	
purple with yellow stripe																	
Marking																	
STRUCTURED CABLE PRODUCTS --- P/N VANTAGE-16/2 ---																	
2 COND 16 AWG 65 STRAND CM/CL3 FT4 75C 600V																	
--- cETLus 30099905 CE EU RoHS EC																	
ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 XXXX FEET																	
	<p><b>Mechanical Characteristics:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;">Test Object</th> <th style="width: 20%;">Jacket</th> </tr> </thead> <tbody> <tr> <td>Test Material</td> <td style="text-align: center;">PVC</td> </tr> <tr> <td>Before Tensile Strength (Mpa)</td> <td style="text-align: center;">&gt;=13.8</td> </tr> <tr> <td>Aging Elongation (%)</td> <td style="text-align: center;">&gt;=100</td> </tr> <tr> <td>Aging Condition (°Cxhrs)</td> <td style="text-align: center;">100x168</td> </tr> <tr> <td>After Tensile Strength (Mpa)</td> <td style="text-align: center;">&gt;=85% of unaged</td> </tr> <tr> <td>Aging Elongation (%)</td> <td style="text-align: center;">&gt;=50% of unaged</td> </tr> <tr> <td>Cold Bend(-20±2°Cx4hrs)</td> <td style="text-align: center;">No crack</td> </tr> </tbody> </table>	Test Object	Jacket	Test Material	PVC	Before Tensile Strength (Mpa)	>=13.8	Aging Elongation (%)	>=100	Aging Condition (°Cxhrs)	100x168	After Tensile Strength (Mpa)	>=85% of unaged	Aging Elongation (%)	>=50% of unaged	Cold Bend(-20±2°Cx4hrs)	No crack
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