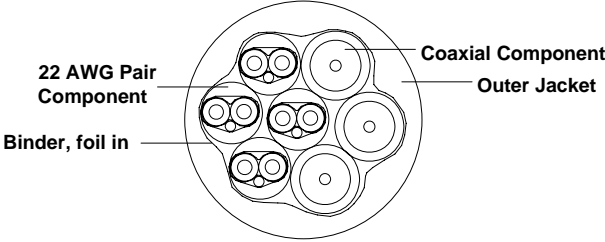



Product Specification Sheet

Catalog Number: E-VGAM-M Jumper cable

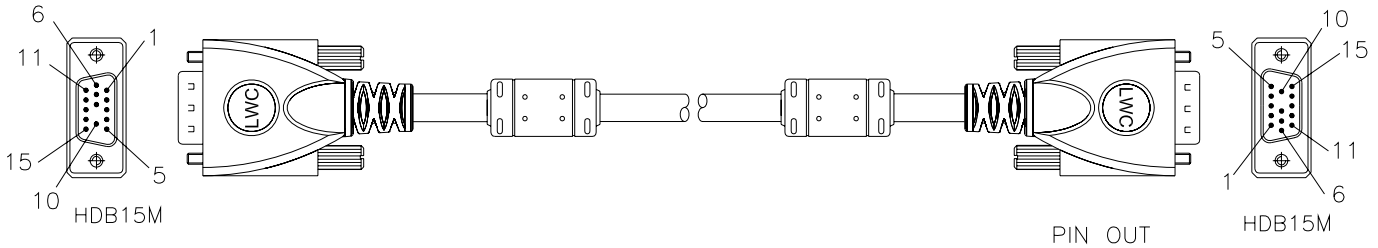
Construction Detail	Product Illustration															
																
Physical Construction	Description															
<p>Component 1: Coaxial Cable 26 AWG 7/34 tinned copper conductor Foam flouropolymer dielectric: .077-inch nominal diameter 95 % 38 AWG tinned copper spiral braid inner coax shield 100% Aluminum/Polyester foil outer shield bonded to the coaxial jacket with the foil facing in. PVC coax jacket: .016-inch nominal thickness Coaxial final construction: .107-inch nominal OD</p>	<p>Mini high resolution multiple coaxial cable interconnect for analog video applications in accordance with NEC article 725</p>															
Color Code																
<p>Component 2: Twisted pairs 22 AWG 7/30 tinned copper conductor PVC insulation: .010-inch nominal thickness 100% Aluminum/Poly shield bonded to the jacket with the foil side facing in 22 AWG 7/30 tinned copper drain wire in contact with the foil side of the shield. Pressure extruded PVC Jacket: .016-inch nominal thickness Pair final construction: .122-inch nominal OD</p>	<p>Coax jackets: Red, Green, Blue</p> <p>Pair color code chart:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #cccccc;"> <th>Pair Jacket</th> <th>Conductor 1</th> <th>Conductor 2</th> </tr> </thead> <tbody> <tr> <td>Red</td> <td>Red</td> <td>Black</td> </tr> <tr> <td>Black</td> <td>White</td> <td>Black</td> </tr> <tr> <td>Green</td> <td>Green</td> <td>Black</td> </tr> <tr> <td>Blue</td> <td>Blue</td> <td>Black</td> </tr> </tbody> </table>	Pair Jacket	Conductor 1	Conductor 2	Red	Red	Black	Black	White	Black	Green	Green	Black	Blue	Blue	Black
Pair Jacket	Conductor 1	Conductor 2														
Red	Red	Black														
Black	White	Black														
Green	Green	Black														
Blue	Blue	Black														
Electrical Specifications																
<p>HD15 Plug: Nickel plated shell 1 μm Gold plated contact pins Current rating: 1 amp 30 milliohm contact resistance</p> <p>Molding: VGA: PVC 50P, BNC PVC 45P, Breakout: PVC 60P</p> <p>Ferrite: Ni-Zn 17.5x12.8x28mm 65 Ω/25MHz, 100Ω/100MHz</p>	<p>Coax:</p> <p>DCR: 41 Ω per 1000 feet Impedance: 75 Ω Capacitance: 16.0 pF per foot Voltage: 150 Volts RMS Temperature: -20°C to 75°C VOP: 83%</p> <p>22 AWG Pairs: DCR: 15.3 Ω per 1000 feet Impedance: 75 Ω</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center; margin-top: 10px;"> <thead> <tr style="background-color: #cccccc;"> <th colspan="2">ATTENUATION</th> </tr> <tr style="background-color: #cccccc;"> <th>MHz</th> <th>dB/100ft</th> </tr> </thead> <tbody> <tr> <td>100</td> <td>6.2</td> </tr> <tr> <td>200</td> <td>9.0</td> </tr> <tr> <td>400</td> <td>13.5</td> </tr> <tr> <td>1000</td> <td>23.5</td> </tr> </tbody> </table>	ATTENUATION		MHz	dB/100ft	100	6.2	200	9.0	400	13.5	1000	23.5			
ATTENUATION																
MHz	dB/100ft															
100	6.2															
200	9.0															
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Regulatory Specifications																
<p>Cable Final assembly: 3 of component 1 and 4 of component 2 planetary cabled 100% Aluminum/Poly shield with the foil side facing in PVC jacket: .040-inch nominal thickness Final construction: .425-inch nominal OD Product Print Legend: LWC E190607-E (UL) TYPE CL2 75°C CSA 219419 I/II A/B 80°C 150V FT4 26AWG</p>	<p>(UL) rated CL2 CSA rated I/II A/B 80°C FT4</p>															

Form Revision Date: 04/15/2004

Product Specification Sheet

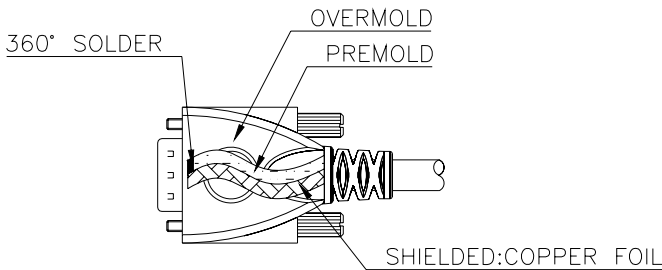
Catalog Number: E-VGAM-M Jumper cable

Specification Control	Product Information
<p>Revision Date: 02/16/2004</p> <p>Liberty Wire & Cable specifications are subject to change without notice. Contact an account representative for current product specifications. Liberty Wire & Cable continuously strives to ensure product specifications are accurate and complete. All physical specifications are nominal.</p>	<p>Jacket Colors: Black</p> <p>Packaging: Not applicable</p> <p>Lengths: 3, 6, 10, 15, 25, 35, 50, 75, and 100 feet</p>

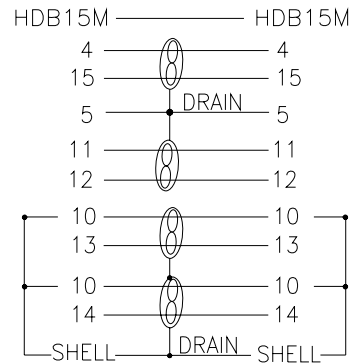
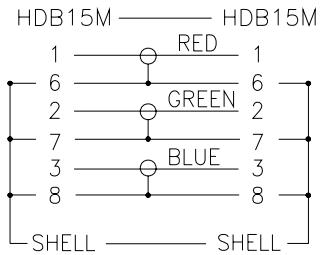


NOTE:

- 1. CONTINUITY TESTING: DC500V/10mS
- INSULATION RESISTANCE: 50MΩ(MIN.)
- CONDUCTIVE RESISTANCE: 2.0Ω(MAX)(L=3M)
- 3.0Ω(MAX)(3M<L=10M).
- 6.0Ω(MAX)(10M<L=20M).
- 8.0Ω(MAX)(20M<L=50M).



HDB15M SHIELDED FIG.



Form Revision Date: 04/15/2004