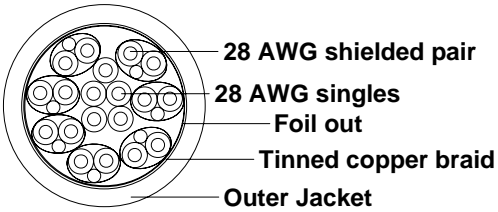



Product Specification Sheet

Catalog Number: Z400DV-D/DL (1-8 meters)

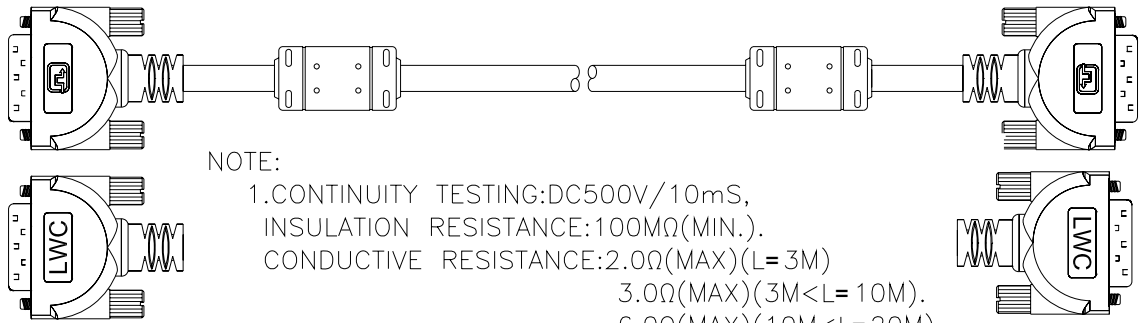
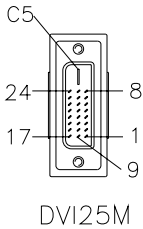
Construction Detail	Product Illustration																				
 <p style="margin-left: 20px;"> 28 AWG shielded pair 28 AWG singles Foil out Tinned copper braid Outer Jacket </p>																					
Physical Construction	Description																				
<p>Component 1: 28 AWG pairs: 28 AWG 7/36 tinned copper conductor Foam PE insulation: .0125-inch nominal thickness 2 conductors and drain wire twisted in a 1-inch lay length 28 AWG 7/36 tinned copper drain wire in contact with the foil side of the shield 100% Foil free edge aluminum/poly shield with the foil side facing in</p>	<p>High Resolution Digital Video Interconnect cable for DVI-D single and dual link applications. HDCP compliant and UL rated AWM 20276 for internal and external interconnection of electronic equipment in class 2 circuits only.</p>																				
Color Code																					
<p>Component 2: 28 AWG single: 28 AWG 7/36 tinned copper conductor PE insulation: .006-inch nominal thickness</p>	<p>28 AWG: Pairs: Red & White, Black & White, Green & White, Blue & White, Orange & White, Brown & White, Violet & White Singles: Red, White, Orange, Yellow, Violet</p>																				
Electrical Specifications																					
<p>DVI Plug: Nickel plated shell 1-3 μm flash gold plated contact pins Operating voltage: 0-500V DC RMS Current rating: 1.5 amp 20 milliohm contact resistance</p> <p>Molding: DVI: Thermoplastic PVC 45P</p> <p>Ferrite: Ni-Zn 17.5x10.6x28.5mm 80 Ω/25MHz, 140Ω/100MHz</p>	<p>28 AWG: DCR: 65.0 Ω per 1000 feet Impedance: 100 Ω Capacitance: 14.0 pF per foot Time delay: 1.43 ns per foot Interpair max skew: 0.026 ns per foot Intra pair max skew: 0.010 ns per foot Voltage: 30 Volts RMS Temperature: -20°C to 80°C Far-End Crosstalk: 1.0% Maximum in 10 meters at a 300 ps rise-time</p> <table border="1" style="float: right; margin-top: 10px; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #d3d3d3;"> <th colspan="2">ATTENUATION</th> </tr> <tr style="background-color: #d3d3d3;"> <th>MHZ</th> <th>dB/ft</th> </tr> </thead> <tbody> <tr><td>1</td><td>.010</td></tr> <tr><td>10</td><td>.040</td></tr> <tr><td>50</td><td>.077</td></tr> <tr><td>100</td><td>.10</td></tr> <tr><td>200</td><td>.15</td></tr> <tr><td>400</td><td>.21</td></tr> <tr><td>600</td><td>.26</td></tr> <tr><td>800</td><td>.30</td></tr> </tbody> </table>	ATTENUATION		MHZ	dB/ft	1	.010	10	.040	50	.077	100	.10	200	.15	400	.21	600	.26	800	.30
ATTENUATION																					
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Regulatory Specifications																					
<p>Cable Final assembly: 7 of component 1 cabled around 5 of component 2 100% Aluminum/Poly shield with the foil facing out 85% 36 AWG tinned copper braid shield in contact with the foil side of the shield. PVC jacket: .048-inch nominal thickness Final construction: .339-inch nominal OD Product Print Legend: AWM E89980-A 20276 80°C 30V VW-1 CSA LL64151-A AWM II A/B 80°C 30V FT1 – DVI DUAL LINK CABLE</p>	<p>(UL) rated AWM 20276 80°C 30V VW-1 CSA rated AWM I/II A/B 80°C 30V FT4</p>																				

Form Revision Date: 04/15/2004

Product Specification Sheet

Catalog Number: Z400DV-D/DL (1-8 meters)

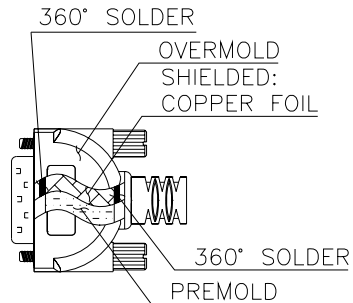
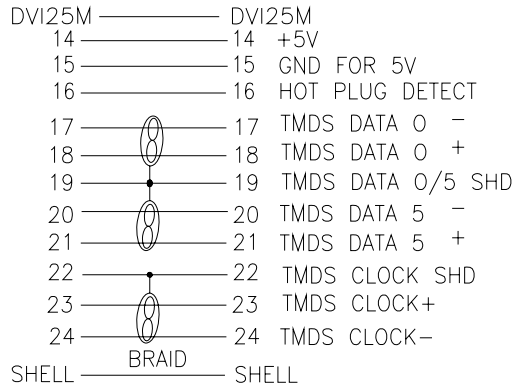
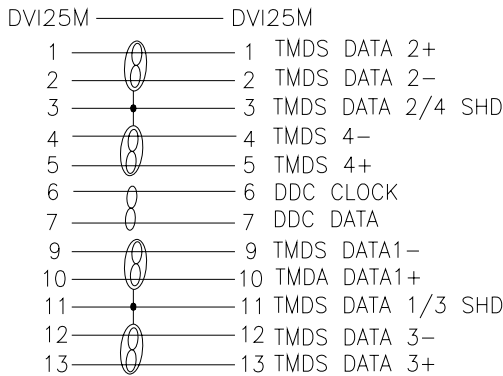
Specification Control	Product Information
<p>Revision Date: 11/05/2004</p> <p>Liberty Wire & Cable specifications are subject to change without notice. Contact an account representative for current product specifications. Liberty Wire & Cable continuously strives to ensure product specifications are accurate and complete. All physical specifications are nominal.</p>	<p>Jacket Colors: Black</p> <p>Special Notes: DVI interconnects from 1-6 meters of this construction are tested and certified to pass the maximum 165 MHz TMDS specification. Maximum resolution: Single Link application: 1600x1200 (UXGA) Dual Link application: 2048x1536 (QXGA) 8 meter DVI interconnects of this construction are certified to pass 1280x1024 (SXGA) resolution.</p>



NOTE:

1. CONTINUITY TESTING: DC500V/10mS,
INSULATION RESISTANCE: 100MΩ(MIN.).
CONDUCTIVE RESISTANCE: 2.0Ω(MAX)(L=3M)
3.0Ω(MAX)(3M<L=10M).
6.0Ω(MAX)(10M<L=20M).
2. TOOLING FOR DVI25M: CM2-DVIM-Q01.
TOOLING FOR FERRITE CORE: SMF-2241-K01.

PIN OUT C



DVI25M SHIELDED FIG.

Form Revision Date: 04/15/2004