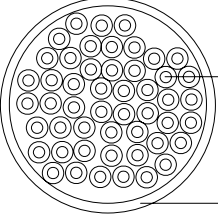



Product Specification Sheet

Catalog Number: 24-25P-L3

Construction Detail	Product Illustration																								
 <p style="margin-left: 100px;">24 AWG Component</p> <p style="margin-left: 100px;">Outer Jacket</p>																									
Physical Construction	Description																								
<p>Component 1: Twisted pair 24 AWG solid bare copper conductors SR-PVC insulation: .0065-inch nominal thickness Pairs are twisted in varying lay lengths from each other</p>	<p>Communications riser rated UTP cable for data transmission, LAN, and voice applications. Tested to 16 MHz and verified Category 3.</p>																								
	Color Code																								
	<p>Pairs: each wire co-stripped with other color. White/Blue, White/Orange, White/Green, White/Brown, White/Gray, Red/Blue, Red/Orange, Red/Green, Red/Brown, Red/Gray, Black/Blue, Black/Orange, Black/Green, Black/Brown, Black/Gray, Yellow/Blue, Yellow/Orange, Yellow/Green, Yellow/Brown, Yellow/Gray, Violet/Blue, Violet/Orange, Violet/Green, Violet/Brown, Violet/Gray</p>																								
	Electrical Specifications																								
<p>Final assembly: 25 of component 1 cabled together in a left hand lay PVC jacket: .015-inch nominal thickness Final construction: .334-inch nominal OD Product Print Legend: E106583 (01-12345) 24 AWG TYPE CMR (UL) C(UL) CMG – IEEE 802.3 10 BASE T CAT 3. Sequential footmarks are applied in conjunction with the print legend every two feet.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">24 AWG:</th> <th style="width: 15%;">MHz</th> <th style="width: 15%;">dB/1000FT</th> <th style="width: 15%;">NEXT</th> </tr> </thead> <tbody> <tr> <td>DCR: 27 Ω per 1000 feet</td> <td>1</td> <td>8.2</td> <td>41.0</td> </tr> <tr> <td>Capacitance: 20 pF per foot</td> <td>4</td> <td>17.3</td> <td>32.0</td> </tr> <tr> <td>Voltage: 300 Volts RMS</td> <td>10</td> <td>28.8</td> <td>26.0</td> </tr> <tr> <td>Impedance: 100 Ω</td> <td>16</td> <td>37.5</td> <td>23.0</td> </tr> <tr> <td>Temperature: -10°C to 60°C</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	24 AWG:	MHz	dB/1000FT	NEXT	DCR: 27 Ω per 1000 feet	1	8.2	41.0	Capacitance: 20 pF per foot	4	17.3	32.0	Voltage: 300 Volts RMS	10	28.8	26.0	Impedance: 100 Ω	16	37.5	23.0	Temperature: -10°C to 60°C			
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<p>Revision Date: 09/29/2003</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: Gray</p> <p>Packaging: 1000 foot reels</p>																								

Form Revision Date: 04/15/2004