Product Specification Sheet

Catalog Number: BEL9118	
Construction Detail	Product Illustration
Dielectric — Aluminum foil Outer Jacket Center conductor — Aluminum braid Aluminum foil shield	Product illustration pending
Physical Construction	Description
Component 1: Coaxial 18 AWG solid copper clad steel center conductor Foam polyethylene dielectric: .180-inch nominal diameter 100% Aluminum/Polyester foil tape bonded to dielectric 60% 34 AWG Aluminum braid shield 100% Aluminum/Poly/Aluminum foil outer shield	Communications rated RG6/U tri-shield drop cable for CATV and MATV applications in accordance with NEC articles 800 and 820 Color Code N/A
Final assembly: Single coaxial cable FR-PVC jacket: .030-inch nominal thickness Final construction: .278-inch nominal OD Product Print Legend: BELDEN-T 9118 DUOBOND III 75 OHM SERIES 6 1C18 E108998 (UL) CATV OR CM OR C (UL) CM Sequential footmarks are applied in conjunction with the print legend.	Electrical Specifications Coaxial: Attenuation DCR: 28.0 Ω per 1000 feet MHz dB/100ft DCR(shield): 6.5 Ω per 1000 feet 5 0 .67 Capacitance: 16.2 pF per foot 55 1.60 Voltage: 300 Volts RMS 211 2.87 Impedance: 75.0 Ω 270 3.24 Temperature: -40°C to 80°C 300 3.43 VOP: 83.0% Nom. 350 3.72 SRL: 20dB (5 - 1000 MHz) 400 4.00 450 4.26 550 4.71 750 5.59 870 6.00 1000 6.54 Regulatory Specifications (UL) rated CM, CATV C(UL) rated CM CATV COUL) rated CM
Specification Control	Product Information
Revision Date: 05/28/2004 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.	Jacket Colors: Black Packaging: 1000 foot spools Special Note: This is a proprietary Belden product; please consult their documentation for more detailed specifications.

Form Revision Date: 04/15/2004



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