

GENERAL WIRE PRODUCTS INC.  
425 SHREWSBURY STREET  
WORCESTER, MA. USA 01604  
TEL# 508-752-8260  
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02/17/14

TO: IEWC

ATTN: JENNY SAYLER

RE: PROPOSED SPEC ON GWP P/N 030-83556 / EQUAL TO BELDEN 83706

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DESCRIPTION: THE CABLE OUTLINED SHALL CONSIST OF 6 CONDUCTORS # 16 AWG  
W/ OVERALL FOIL + BRAID SHIELD AND FEP JACKET. ALL MATERIALS  
AND METHODS USED IN THE MANUFACTURE AND TEST OF THIS PRODUCT  
SHALL COMPLY WITH UL SUBJECTS 13, 444, 910, AND 1581.

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CONDUCTOR: #16 19/29 TINNED COPPER	OD .058"
INSULATION: .007 WALL FEP COLOR: BLK; WHT; RED; GRN; ORG; BLU	.072"
CABLE 6/C 4"LAY	.216"
TAPE W/ ALUMINUM MYLAR (FOIL OUT)	.220"
BRAID SHIELD: #36 TINNED COPPER / 85% COVERAGE	.240"
JACKET: .015 WALL FEP COLOR: RED TINT	.270"

MARKER TAPE UNDER JACKET:  
" E102194 CL2P (UL) 16 AWG 200 C. CMP C(UL) US"

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ELECTRICAL DATA

CAPACITANCE:	35	PF/FT. COND TO COND.
CAPACITANCE:	63	PF/FT COND TO SHIELD
IMPEDANCE:	50	OHMS
VELOCITY OF PROPAGATION:	71	%

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PREPARED BY: THOMAS P. ANDREWS JR.