

GENERAL WIRE PRODUCTS INC.  
425 SHREWSBURY STREET  
WORCESTER, MA. USA 01604  
TEL# 508-752-8260  
FAX# 508-753-2173

08/02/13

TO: IEWC

ATTN: MATT PLEVA

RE: PROPOSED SPECIFICATION ON GWP P/N 030-83172 FUNCTIONAL EQUIVALENT  
TO BELDEN P/N 83322 E

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CONDUCTOR: # 16 19/29 TINNED COPPER	OD .058"
INSULATION: .010 WALL FEP COLOR: BLK - WHT	.078"
TWIN 2/C 2"LAY	.156"
BRAID SHIELD: #36 TINNED COPPER / 95 % COV.	.176"
JACKET: .010 WALL FEP COLOR: WHITE	.196"

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ELECTRICAL DATA

CAPACITANCE:	36 PF/FT.	COND TO COND.
CAPACITANCE:	60 PF/FT.	COND. TO SHLD
IMPEDANCE:	40 OHMS	
VELOCITY OF PROPAGATION:	70 %	
DC RESISTANCE:	4.27 OHMS /1000 FT.	
MAX OPERATING VOLTAGE:	600 VOLTS UL	

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PREPARED BY: THOMAS P. ANDREWS JR.

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08/02/13

TO: IEWC

ATTN: MATT PLEVA

RE: PROPOSED SPECIFICATION ON GWP P/N 030-83187 FUNCTIONAL EQUIVALENT  
TO BELDEN P/N 83337 E

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CONDUCTOR: # 16 19/29 TINNED COPPER	OD .058"
INSULATION: .010 WALL FEP COLOR: BLK - WHIT - RED	.078"
TRIP 3/C 2" LAY	.168"
BRAID SHIELD: #36 TINNED COPPER / 95 % COV.	.188"
JACKET: .010 WALL FEP COLOR: WHITE	.208"

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ELECTRICAL DATA

CAPACITANCE:	30 PF/FT.	COND TO COND.
CAPACITANCE:	50 PF/FT.	COND. TO SHLD
IMPEDANCE:	40 OHMS	
VELOCITY OF PROPAGATION:	70 %	
DC RESISTANCE:	4.27 OHMS /1000 FT.	
MAX OPERATING VOLTAGE:	600 VOLTS UL	

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