

GENERAL WIRE PRODUCTS INC.
425 SHREWSBURY STREET
WORCESTER, MA. USA 01604
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11/22/13

TO: IEWC

ATTN: MATT PLEVA

RE: PROPOSED SPECIFICATION ON GWP P/N 030-23611 *Rev A 03/04/14*

DESCRIPTION: THE CABLE OUTLINED HERE SHALL CONSIST OF ONE SHIELDED PAIR
#20 AWG CANBUS / RS-485 COMPLIANT CABLED WITH 4 CONDUCTORS
#20 AWG POWER, AN OVERALL MYLAR WRAP SEPARATOR AND POLY-
URETHANE JACKET. J1939 COMPLIANT.

COMPOSITE #1 - 1 SHIELDED PAIR # 20 AWG	OD
CONDUCTOR: # 20 19/32 TINNED COPPER	.038"
INSULATION: .035 WALL FLUOROFOAM	.108"
COLOR: GRN-YBL	
TWIN 2/C 2" LAY	.216"
TAPE W/ ALUMINUM MYLAR (FOIL IN)	
+ #22 19/34 TINNED COPPER DRAIN	.220"
COMPOSITE # 2 - 4/C # 20 AWG POWER	
CONDUCTOR: # 20 19/32 TINNED COPPER	.038"
INSULATION: .006 WALL HALAR 500	.050"
COLOR: WHT, RED, BLK, LT. BLU,	
CABLE 4/C POWER W/ SHIELDED PAIR 4" LAY	.240" NOM.
CLEAR POLYESTER SEPARATOR	.244"
JACKET: .025 WALL POLYURETHANE	.294"
COLOR: BLK	

ELECTRICAL DATA

CAPACITANCE: 10.8 PF/FT.
IMPEDANCE: 120 OHMS
VELOCITY OF PROPAGATION: 78 %
OPERATING TEMP RANGE: -60 - + 150 C. INSULATION
-40 - + 115 C. JACKET.

PREPARED BY: THOMAS P. ANDREWS JR.