

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

10/31/13

TO: IEWC

ATTN: MATT PLEVA

RE: PROPOSED SPEC ON GWP P/N 030-23603 *ROVA 03/04/14*

DESCRIPTION: THE CABLE OUTLINED HERE SHALL CONSIST OF ONE SHIELDED PAIR
#20 AWG CANBUS / RD-485 COMPLIANT CABLED WITH 3 CONDUCTORS
#20 AWG POWER. AN OVERALL MYLAR WRAP SEPARATOR AND POLY-
URETHANE JACKET. J1939 COMPLIANT.

	OD
COMPOSITE # 1 - 1 SHIELDED PAIR #20 AWG	
CONDUCTOR: # 20 19/32 TINNED COPPER	.038"
INSULATION: .035 WALL FLUOROFOAM	.108"
COLOR: GRN-YEL;	
TWIN 2/C 2"LAY	.216"
TAPE W/ ALUMINUMMYLAR (FOIL IN)	
+ # 22 19/34 TINNED COPPER DRAIN	.220"
COMPOSITE # 2 - 3/C # 20 AWG POWER	
CONDUCTOR: # 20 19/32 TINNED COPPER	.038"
INSULATION: .006 WALL HALAR 500	.050"
COLOR: WHT; RED; BLK;	
CABLE 3/C POWER W/ SHIELDED PAIR 4"LAY	.230" NOM.
CLEAR POLYESTER SEPARATOR	.234"
JACKET: .025 WALL POLYURETHANE	.284"
COLOR: BLK	

ELECTRICAL DATA CANBUS PAIR

CAPACITANCE: 10.8 PF/FT.
IMPEDANCE: 120 OHMS + - 10%
VELOCITY OF PROPAGATION: 78 %
OPERATING TEMP RANGE -60 - + 150 C. INSULATION
- 40 - + 115 C. JACKET

PREPARED BY: THOMAS P. ANDREWS JR.