

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

05/07/15

TO: IEWC

ATTN: MATT PLEVA

RE: PROPOSED SPEC ON FUNCTIONAL EQUAL TO IGUS P/N CFBUS-PVC-045

DESCRIPTION: THE CABLE OUTLINED HERE SHALL CONSIST OF 4 PRS. #26 AWG STRANDED  
W/ O/A HI-FLEX TINNED COPPER BRAID AND A POLYURETHANE JACKET.  
THE CABLE SHALL EXHIBIT CAT5E COMPLIANT ELECTRICALS.

CONDUCTOR: #26 19/38 TINNED COPPER	OD .020"
INSULATION: .009 WALL POLYPROPYLENE	.038"
COLOR: BLU-WHT; ORG-WHT; GRN-WHT; BRN-WHT;	
TWIN 2/C VARYING LAYS TO MINIMIZE CROSSTALK	.076"
CABLE 4 PRS W/ FIBERGLASS FILLER	.180"
PTFE TAPE WRAP O/A	.190"
BRAID SHIELD: # 38 TC / 80% COVERAGE	.206"
JACKET: .030 WALL POLYURETHANE COLOR: PURPLE	.266"

PRINT: " 4 PR #26 AWG CAT 5 E HIFLEX INDUSTRIAL"

ELECTRICAL DATA

CAPACITANCE:	12	PF/FT.
IMPEDANCE:	100	OHMS + - 15%
VELOCITY OF PROPAGATION:	70	%
ATTENUATION:		PER CAT 5E #26 AWG
NEXT:		PER CAT 5E #26 AWG

PREPARED BY: THOMAS P. ANDREWS JR.

*Scott Lester* 4-6-2016