

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

05/02/12

TO: RAYTHEON

ATTN: JOE TUCKNESS

RE: SPECIFICATION ON GWP P/N 030-21541

DESCRIPTION: THE CABLE OUTLINED HERE IS A PLENUM RATED EQUAL TO ESI  
RAYTHEON P/N 83-04935.

CONDUCTOR: # 24 7/32 TINNED COPPER	OD .024"
INSULATION: .010 WALL FLUOROFOAM COLOR: BLK-RED; BLK-WHT; BLK-GRN; BLK-BLU; BLK-YEL;	.044"
TWIN 2/C 1.5" LAY PER CODE ABOVE	.088"
TAPE EA. PR. W/ CLEAR MYLAR BINDER	.092"
TAPE EA. PR. W/ FOIL FREE ALUMINUM (FOIL IN) + HELICALLY WRAPPED # 24 7/32 TINNED COPPER DRAIN	.096"
CABLE 5 PAIRS 5" LAY + CLEAR MYLAR BINDER O/A	.224" NOM
TAPE W/ ALUMINUM MYLAR (FOIL IN) + # 24 7/32 TC DRN	.228"
JACKET: .012 WALL FLUOROCOPOLYMER COLOR: RED TINT	.250" NOM.

PRINT: "E102194 CL2P 24 AWG 150 C. (UL) GWP P/N 030-21541-A05"

ELECTRICAL DATA

CAPACITANCE:	11.3	PF/FT. COND TO COND
CAPACITANCE:	17.5	PF/FT. COND TO SHLD
VELOCITY OF PROPAGATION:	75	%
IMPEDANCE:	74	OHMS NOMINAL

PREPARED BY: THOMAS P. ANDREWS JR.