

GENERAL WIRE PRODUCTS INC.
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08/14/14

TO: IEWC

RE: PROPOSED SPEC ON 9 PR. # 28 AWG CABLE

DESCRIPTION: THE CABLE OUTLINED HERE SHALL CONSIST OF 9 PAIRS #28 AWG W/ O/A FOIL + TINNED COPPER BRAID AND A FLAME RETARDANT PVC JACKET. ALL MATERIALS AND METHODS USED IN THE MANUFACTURE AND TEST OF THIS PRODUCT SHALL COMPLY WITH UL SUBJECTS 13, 910, AND 1581.

CONDUCTOR: # 28 7/36 TINNED COPPER
 INSULATION: .0055 WALL FLUOROPOLYMER
 COLOR:

OD
 .015"
 .026" .027" MAX

White/Blue	Blue/White
White/Orange	Orange/White
White/Green	Green/White
White/Brown	Brown/White
White/Gray	Gray/White
Red/Blue	Blue/Red
Red/Orange	Orange/Red
Red/Green	Green/Red
Red/Brown	Brown/Red

TWIN 2/C 3/4" LAY
 CABLE 9 PRS. 3" LAY

.052"
 .172"

TAPE W/ ALUMINUM MYLAR (FOIL OUT)
 + HELICALLY WRAPPED # 28 7/36 TC DRN
 BRAID SHIELD: # 36 TINNED COPPER / 90 % COVERAGE

.176"
 .196"

JACKET: .032 WALL FLAME RETARDANT PVC
 COLOR: GRAY
 PRINT: "E102194 CL2 (UL) 28 AWG 75 C. CM C(UL) US"

.260"

ELECTRICAL DATA

CAPACITANCE: 17 PF/FT.
 IMPEDANCE: 85 OHMS
 VELOCITY OF PROPAGATION: 63 %

PREPARED BY: THOMAS P. ANDREWS JR.