

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

03/22/2024

TO: IEWC

ATTN: MATT PLEVA

RE: PROPOSED SPEC ON COMPOSITE CABLE

	OD
COMPOSITE # 1 – RG 58/U EQUAL TO BELDEN 8240 50 OHM COAX	
CONDUCTOR: # 20 SOLID BARE COPPER	.032"
INSULATION: .042 WALL POLY	.116"
COLOR: NATURAL	
BRIAD SHIELD: # 36 TINNED COPPER / 95% COV	.136"
JACKET: .0285 WALL 105 DEGREE PVC	.193"
COLOR: BLK	
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COMPOSITE # 2 – 1 PR # 26 AWG SHLD.	
CONDUCTOR: # 26 7/34 TINNED COPPER	.019"
INSULATION: .016 WALL 105 DEGREE PVC	.051"
COLOR: SOLID PER CUSTOMER	
TWIN 2/C 1.25" LAY	.102"
TAPE W/ FOIL FREE ALUMINUM (FOIL IN) + # 26 7/34 TC DRN	.106"
CLEAR MYLAR ISOLATION WRAP O/A	.110"
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COMPOSITE # 3 – 1 PR. # 20 AWG SHLD	
CONDUCTOR: # 20 10/30 TINNED COPPER	.040"
INSULATION: .016 WALL 105 DEGREE PVC	.072"
COLOR: SOLID PER CUSTOMER	
TWIN 2/C 1.75" LAY	.144"
TAPE W/ FOIL FREE ALUMINUM (FOIL IN) + # 26 7/34 TC DRN	.148"
TAPE W/ CLEAR MYLAR ISOLATION WRAP O/A	.152"
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CABLE 3 COMPOSITE 5" LAY W/ CRUSHED PROPYLENE FILLER TO MAKE ROUND & CLEAR MYLAR BINDER	.340" NOM.
BRAID SHIELD: # 36 TINNED COPPER / 75 % MIN COV. W/ # 20 10/30 TC DRAIN PULLED UNDER BRAID.	.360"
JACKET: .045 WALL TPE COLOR: PER CUSTOMER	.450"

PREPARED BY: THOMAS P. ANDREWS JR.