

GENERAL WIRE PRODUCTS INC.
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12/07/17

TO: IEWC

ATTN: SUSAN KLEMA

RE: PROPOSED SPECIFICATION ON EQUAL TO ICONN 622-S2

COMPOSITE # 1 – 1 MINI 75 OHM COAX	OD
CONDUCTOR: # 30 7/38 SILVER PLATED COPPER WELD	.012"
DILECTRIC: .023 WALL FOAM FEP	.058"
BRAID SHIELD: # 38 TINNED COPPER	.074"
JACKET: .010 WALL TEFZEL	.094"
COLOR: YELLOW	

COMPOSITE # 2 – 6/C # 22 AWG	
CONDUCTOR: # 22 19/34 TINNED COPPER	.031"
INSULATION: .0125 WALL HYTREL	.056" + - .002"
COLOR: BLU; BRN; RED; BLK; ORG; WHT;	

CABLE 7 COMPONENTS AROUND # 18 19/30 STAINLESS STEEL	
STRENGTH MEMBER W/ FILLER AS REQUIRED TO MAKE ROUND	.222 NOM.
AND BUILD OD W/ CLEAR MYLAR WRAP O/A	
PAPER TAPE WRAP O/A	.230"
JACKET: .056 WALL POLYURETHANE	.342"
COLOR: BLK	
OD CRITICAL!!!	.345 + - .007"

ELECTRICAL DATA – COAX

CAPACITANCE:	16.5	PF/FT.
IMPEDANCE:	75	OHMS
VELOCITY OF PROPAGATION:	81	%

PREPARED: THOMAS P. ANDREWS JR.