

5-12-09

Natl Wire
Est # 2085996

Lisa Abner

243C

- 2.2 THE THREE "A" CONDUCTORS SHALL BE TWISTED TOGETHER TO FORM A TRIPLET WITH APPROXIMATELY 2.5 TWISTS PER FOOT. OVER THIS TRIPLET SHALL BE A TINED COPPER BRAID SHIELD EQUIVALENT IN SIZE TO A NO. 14 AWG.
- 2.3 EACH "B" CONDUCTOR SHALL BE A NO. 22 AWG TINED COPPER HAVING A STRANDING OF 19/00GS. EACH SHALL BE TYPE 9 INSULATED WIRE IN ACCORDANCE WITH MIL-N-16978/2 (NAVY) COLOR CODED AS SHOWN IN TABLE II.
- 2.4 THE "B" CONDUCTORS SHALL BE USED TO FORM 9 TWISTED PAIRS EACH WITH APPROXIMATELY 1.5 TWISTS PER FOOT. OVER EACH PAIR SHALL BE A TINED COPPER BRAID SHIELD.
- 2.5 THE TRIPLET AND 9 PAIRS SHALL BE ARRANGED AS SHOWN AND COVERED WITH A DOUBLE BRAID SHIELD HAVING 90 PERCENT MINIMUM COVERAGE.
- 2.6 OVER THE DOUBLE SHIELD SHALL BE A JACKET OF POLYURETHANE THERMOPLASTIC ELASTOMER, TYPE JIL-10N TEMPERATURE, HEAT AND WEATHER RESISTANT, PER MIL-1-3990/21
- 2.7 LENGTH SHALL HAVE NO SPICES.
- 2.8 MARKING IN ACCORDANCE WITH MIL-STD-130, MARK WITH IDENTIFYING MANUFACTURER'S NAME, SYMBOL, TRADEMARK OR PSOM (OR PSOM) AND ITEM IDENTIFICATION NUMBER.

SPECIFICATION CONTROL DRAWING

DESIGN	REV	REV STATUS
2	1	SM
		OF SHEETS

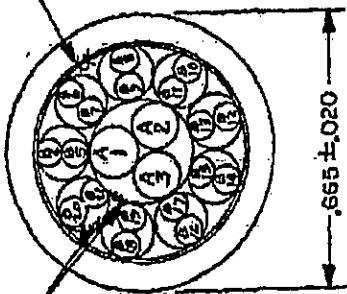
CONTR. NO. GE 592		DATE	
DESIGN	REV	REV STATUS	DATE
2	1	SM	
GENERAL ELECTRIC			
CABLE, SPECIAL PURPOSE			
ELECTRICAL			
DESIGN	REV	REV STATUS	DATE
2	1	SM	
GE 03538 77C719207			
SHEET 1 OF 2			

B	VENDOR 1 ECN H87L12003
C	DELETED REV B ECN H87L12035
D	ADDED VENDOR

TABLE II

COND NO.	COLOR
1	BLACK
2	WHITE
3	RED
4	BLACK
5	RED
6	BLACK
7	WHITE
8	BLACK
9	GREEN
10	BLACK
11	BLUE
12	BLACK
13	BROWN
14	BROWN
15	BLACK
16	YELLOW
17	BLACK
18	ORANGE
19	RED
20	GREEN
21	RED
22	WHITE

DOUBLE SHIELD



SHIELD
(NO PLACES)

TABLE I

PART NO.	MANUFACTURER'S ITEM IDENT NO.	LENGTH + 10 FT - 0 FT
1	ALPHA WIRE CORP ELIZABETH, NJ FSC# NO. 52194	556 FT
2	510342	50 FT
3	510343	305 FT