



NOTES:

1. CABLE, TWO (2) CONDUCTORS, SHIELDED, JACKETED.

2. CONSTRUCTION:

- (A) CONDUCTORS: EACH SHALL BE NO. 20 AWG, STRANDED, MINIMUM 19 STRANDS NO. 32 AWG (.008) SILVER COATED ANNEALED COPPER WIRE.
- (B) INSULATION: (TEFLON) POLYTETRAFLUOROETHYLENE, EXTRUDED, COLOR CODED ONE WHITE AND ONE WHITE WITH BLACK TRACER. DIAMETER OVER EACH SHALL BE .062 MAXIMUM. EACH INDIVIDUAL INSULATED CONDUCTOR SHALL BE CAPABLE OF MEETING THE PERFORMANCE REQUIREMENTS FOR MIL-W-16878 TYPE E-20.
- (C) CABLING: TWO INCH NOMINAL LAY.
- (D) SHIELD: SINGLE, NO. 36 AWG (.005) TINNED OR SILVER COATED COPPER BRAID WITH MINIMUM 85% COVERAGE, NOMINAL DIAMETER .142.
- (E) JACKET: BLACK, EXTRUDED POLYVINYL CHLORIDE (PVC), 105° RATING, AVERAGE WALL .016.
- (F) MAXIMUM OVERALL DIAMETER .180.

3. MAXIMUM OPERATING VOLTAGE. 600 VOLTS RMS.

4. IDENTIFY PER MIL-STD-130.

5. QUALITY ASSURANCE PROVISIONS. SHALL MEET THE APPLICABLE REQUIREMENTS OF MIL-W-16878.

SUGGESTED SOURCE(S) OF SUPPLY:

HARBOUR INDUSTRIES, INC.  
CAGE NO. 27478  
SHELBURNE, VERMONT  
PART NO. 2XE20-1932SV (COLOR CODE)

ITT WIRE AND CABLE DIVISION  
CAGE NO. 90484  
CLINTON, MASSACHUSETTS.  
PART NO. 2S-WTE 1932A-J10BLK (COLOR CODE)

SIZE	CODE IDENT NO.	NAVSEA DWG. NO.	
A	10001	1651804	
SCALE	NONE	REV. G	SHEET 2

NAVORD PART NO.	COLOR CODING OF CONDUCTOR INSULATION
1651804-1	NOTED
1651804-2	SAME AS -1, EXCEPT ONE WHITE AND ONE WHITE WITH RED TRACER
1651804-3	SAME AS -1, EXCEPT ONE WHT/BLK AND ONE WHT/BLK/RED
1651804-4	SAME AS -1, EXCEPT ONE WHT/BRN AND ONE WHT/BRN/RED
1651804-5	SAME AS -1, EXCEPT ONE WHT/YEL AND ONE WHT/YEL/BLU
1651804-6	SAME AS -1, EXCEPT ONE WHT/BLU AND ONE WHT/RED/BLU
1651804-7	SAME AS -1, EXCEPT ONE WHT-RED-YEL AND ONE WHT-RED-GRN

SIZE <b>A</b>	CODE IDENT NO. <b>10001</b>	NAVSEA DWG. NO. 1651804
SCALE NONE	REV. F	SHEET 3