

B
WI-143

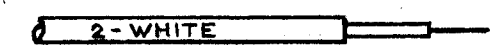
REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
A	COLOR CODE CHT. 11,12,13,14 TMC CHT.-14 ADDED	11-24-65	15231	Z.V.V.	J.P.S. J.C.
B	WI143-37 & -38 ADDED	2-3-77	21483	G.D.L.	

TMC PART NO.	TYPE NO. PER MIL-C-2194	NO. OF COND.	A SHEATH THK MIN	D OVERALL DIA MAX	APPROX NET WT PER 1000 FT	ARMORED	NOT ARMORED
WI-143-10	MSCA-10	10	.050	.672	260	X	
WI-143-14	MSCA-14	14	.050	.718	315	X	
WI-143-37	MSCU-37	37	.050				X
WI-143-38	MSCA-37	37	.050			X	

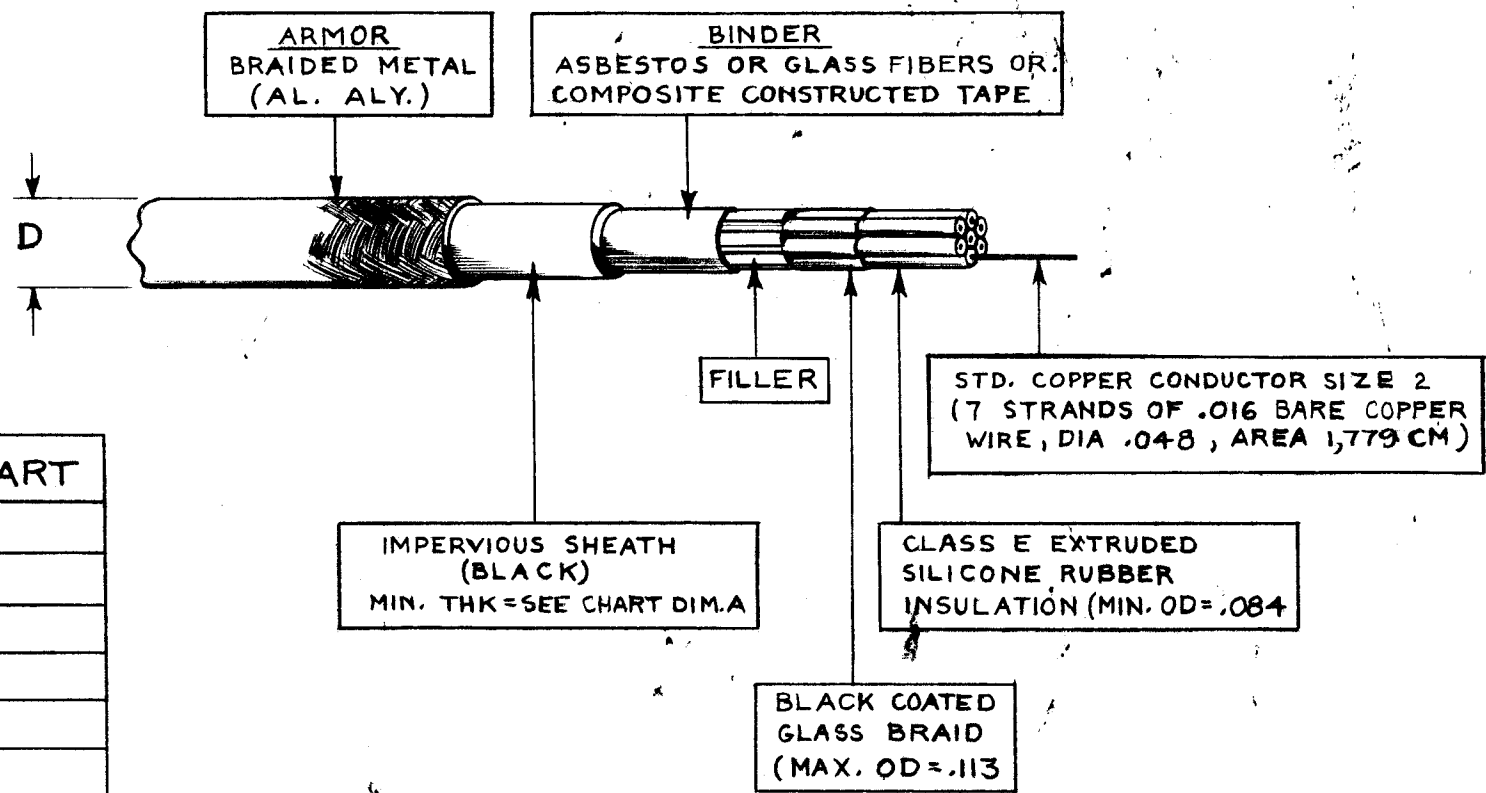
SPECIFICATIONS

1. CONDUCTOR RESISTANCE (DC) PER 1,000 FEET AT 25°C. (MAX.) - 6.37 OHMS
2. DIELECTRIC STRENGTH - 3,000 VOLTS
3. INSULATION RESISTANCE - 500 MEGOHMS PER 100 FEET
4. CONDUCTOR IDENTIFICATION - EACH CONDUCTOR SHALL HAVE THE CONDUCTOR NUMBER, FOLLOWED BY THE SPELLED-OUT WORDS FOR ITS COLORS, PRINTED IN WHITE, ALUMINUM OR GRAY INK ON THE BLACK COATING OVER THE GLASS BRAID. NUMBERS AND COLORS SHALL BE PER CHART.

EXAMPLE:



5. ALL FURTHER SPECIFICATIONS SHALL BE IN ACCORDANCE WITH MIL-C-2194, TYPE MSCA



NO.	COLOR
1	BLACK
2	WHITE
3	RED
4	GREEN
5	ORANGE
6	BLUE
7	WHITE-BLACK
8	RED-BLACK
9	GREEN-BLACK
10	ORANGE-BLACK
11	BLUE-BLACK
12	BLACK-WHITE
13	RED-WHITE
14	GRN-WHITE

NOTES

STANDARD		ASS'Y. NO.
Q'TY./UNIT	MODEL USED ON	
SCALE	CODE	
THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.		

PURCHASE REF: MURRAY-BENJAMIN ELECTRIC CO.				
REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
FINISH		TITLE CABLE, POWER, ELECTRICAL MULTI-COND.		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN H. Peter CHECKED J.P.S.	DATE 12-20-62 DATE 12/28/62 DATE 1-10-63 DATE 1-11-63	FINAL APPROVAL BP WI-143 SHEET B
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	REV. LTR.	