



## PRODUCTION STANDARD

NOTICE: WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THERE BY INCURS NO RESPONSIBILITY NOR ANY OBLIGATIONS WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS, OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

### REVISIONS

SYMBOL	DESCRIPTION	DATE	APPROVAL
A	030826104228	9/9/03	<i>J. B. M.</i>
B	031007152709	10/8/03	<i>J. B. M.</i>

DOCUMENT NUMBER	VERSION	TITLE
<b>MILITARY SPECIFICATIONS</b>		
MIL-DTL-24643/23	F	CABLE, ELECTRICAL , 300 VOLTS, TYPE LSTTSU
MIL-C-24643	A	CABLES AND CORDS, ELECTRICAL, LOW SMOKE, FOR SHIPBOARD USE, GENERAL SPECIFICATION FOR
MIL-DTL-24643	B	CABLES AND CORDS, ELECTRICAL, LOW SMOKE, FOR SHIPBOARD USE, GENERAL SPECIFICATION FOR
MIL-C-24643/23	E	CABLE, ELECTRICAL , 300 VOLTS, TYPE LSTTSU(INCLUDING VARIATION LSTTSA)
<b>MILITARY STANDARDS</b>		
+ MIL-STD-129	H, NOT. 1-4	MARKING FOR SHIPMENT AND STORAGE

+ LATER VERSIONS (IE: REVISIONS, AMENDMENTS, CHANGE NOTICES AND/OR INTERIM CHANGES) OF DOCUMENTS IDENTIFIED BY THIS SYMBOL MAY BE USED IN THE PERFORMANCE OF THE CONTRACT. WHICHEVER VERSION IS USED MUST BE USED IN ITS ENTIRETY. THE LATER VERSION MAY BE IDENTIFIED AS "MIL-DTL-" OR MIL-PRF-" AS APPLICABLE, WHICH IS EQUIVALENT TO "MIL-#-" (WHERE # IS AN ALPHA CHARACTER).

### 3.0 TECHNICAL REQUIREMENTS

#### 3.1 MATERIAL REQUIREMENTS

CABLE, ELECTRICAL LSTTSA-15

THE CABLE SHALL BE IN ACCORDANCE WITH MIL-DTL-24643 AND MIL-DTL-24643/23. THE CABLE SHALL BE COVERED WITH CABLE ARMOR IN ACCORDANCE WITH PARAGRAPH 3.3.13 OF MIL-C-24643. THE ARMOR SHALL CONSIST OF ARMOR-WIRES MADE OF ALCAD 5056 OR 5154 ALUMINUM ALLOY HAVING A DIAMETER OF 0.0126 INCH +/- 0.0005 INCH.

#### 3.2 MANUFACTURING AND PROCESS REQUIREMENTS

CABLE , ELECTRICAL LSTTSA-15

SURFACES SHALL BE EXAMINED VISUALLY TO DETERMINE FREEDOM FROM DIRT, CORROSION, OIL, GREASE OR FOREIGN RESIDUE IF NECESSARY, PARTS SHALL BE CLEANED BY ANY PROCESS OR COMBINATION OF PROCESSES WHICH WILL ACCOMPLISH THOROUGH CLEANING WITHOUT DAMAGE TO THE PART(S). PRESERVATIVES SHALL NOT BE USED ON PARTS WHICH ARE VULNERABLE TO DAMAGE BY PRESERVATIVES.

#### MERCURY CONTAMINATION:

THIS ITEM SHALL NOT CONTAIN AND SHALL NOT BE CONTAMINATED BY MERCURY OR MERCURY COMPOUNDS. THIS REQUIREMENT MUST BE PASSED ON TO ALL SUBCONTRACTORS.

### DISTRIBUTION STATEMENT A

### DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OHIO

TITLE                      ITEM PRODUCTION STANDARD  
**6145-01-201-9542**

CODE IDENT. NO. <b>16236</b>	STD. NO. <b>LO5101</b>
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#### 4.0 PREPARATION FOR DELIVERY

CABLE, ELECTRICAL                      LSTTSA-15

##### MARKING REQUIREMENTS:

MARKING AND LABELING SHALL BE IN ACCORDANCE WITH MIL-STD-129. BAR CODE MARKING SUITABLE FOR HAND SCANNING IS REQUIRED. IN ADDITION TO THE STANDARD MARKING REQUIREMENTS OF MIL-STD-129, THE SELLER SHALL INCLUDE THE MANUFACTURER'S COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE AND THE MANUFACTURER'S REFERENCE/PART NUMBER (MFR/P/N) ON INTERMEDIATE AND UNIT PACKS.

##### PACKAGING AND PACKING REQUIREMENTS:

PACKAGING AND PACKING SHALL BE AS SPECIFIED ELSEWHERE IN THE CONTRACT.

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**DEFENSE SUPPLY CENTER, COLUMBUS  
COLUMBUS, OHIO**

TITLE                      **ITEM PRODUCTION STANDARD  
6145-01-201-9542**

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