

MIL-DTL-24643 Slant Sheets 15 thru 18, 20 & 26

Low Smoke Power Distribution and Lighting with
Circuit Integrity Shipboard Cables

PRODUCT CODE: MIL-DTL-24643

**TYPES LSDSGU, LSTSGU, LSFSGU, LSMSCU,
LSMSCS, LS7SGU, LSDPS, LSTPS, LSFPS, LS7PS**

Application

These cables have insulated conductors manufactured with a combination of silicone and glass braids which provide circuit integrity in case of a catastrophic fire. These constructions are watertight.

The overall jacket is an irradiation cross-linked low smoke polyolefin for slant sheets 15 thru 18 and 20. The jacket for slant sheet 26 is a low smoke red silicone rubber. The silicone rubber jacketed cables are armored with an aluminum braid to provide mechanical protection.

| Cable Type | Slant Sheet | Product Description |
|------------|-------------|---|
| LSDSGU | 15 | Navy Size 3 thru 23 – 2 conductors, overall XLPO jacket |
| LSTSGU | 16 | Navy Size 3 thru 23 – 3 conductors, overall XLPO jacket |
| LSFSGU | 17 | Navy Size 3 thru 23 – 4 conductors, overall XLPO jacket |
| LSMSCU | 18 | 18AWG – 7, 10, 14, 19, 24, 30, 37, 44, 61 & 91 conductors, overall XLPO jacket |
| LSMSCS* | 18 | 18AWG – 7, 10, 14, 19, 24, 30, 37, 44, 61 & 91 conductors, overall double shield, and XLPO jacket |
| LS7SGU | 20 | Navy Size 3 and 4 – 7 conductors, overall XLPO jacket |
| LSDPS | 26 | Navy Size 3 thru 14 – 2 conductors, overall silicone jacket, and armor |
| LSTPS | 26 | Navy Size 3 thru 30 – 3 conductors, overall silicone jacket, and armor |
| LSFPS | 26 | Navy Size 14 – 4 conductors, overall silicone jacket, and armor |
| LS7PS | 26 | Navy Size 6 and 14 – 7 conductors, overall silicone jacket, and armor |

*Note: “S” at the end of in the part number indicates that the cable has a double overall shield. The shields are constructed to provide 60 db shielding from dc to 100 MHz.

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