

MIL-DTL-24643 Slant Sheets 21 & 24

Low Smoke Thermocouple Shipboard Cables

PRODUCT CODE: MIL-DTL-24643

**TYPES LSTCJU, LTCJA, LSTCTU, LSTCTA, LSTCJX
LSTCKX, LSTCTX**

Application

MIL-DTL-24643 Slant Sheets 21 and 24 utilize insulated conductors manufactured with a combination of silicone and glass braids which provide circuit integrity in case of a catastrophic fire. They are used for thermocouple or pyrometer applications. These constructions are watertight.

The overall jacket is an irradiation cross-linked low smoke polyolefin for Slant Sheet 21 and a low smoke, red silicone rubber for Slant Sheet 24. The silicone rubber jacketed cables are armored with an aluminum braid to provide mechanical protection

Cable Type	Slant Sheet	Product Description
LSTCJU	21	Iron and Constantan Thermocouple pair, unarmored
LSTCJA	21	Iron and Constantan Thermocouple pair, armored
LSTCTU	21	Copper and Constantan Thermocouple pair, unarmored
LSTCTA	21	Copper and Constantan Thermocouple pair, armored
LSTCJX	24	3 thru 12 pairs, Iron and Constantan Thermocouple, silicone jacket, armored.
LSTCKX	24	3 thru 12 pairs, Chromel and Alumel Thermocouple, silicone jacket, armored.
LSTCTX	24	3 thru 12 pairs, Copper and Constantan Thermocouple, silicone jacket, armored.

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