

MIL-DTL-24643 /25

Type: LSPI

Low Smoke, Communication with
Circuit Integrity, Shipboard Cables



APPLICATION

MIL-DTL-24643 Slant Sheet 25. These cables are manufactured with silicone insulation which provides circuit integrity in case of catastrophic fire. These constructions are non water-blocked. The overall jacket is a low smoke red silicone rubber, armored with an aluminum braid to provide mechanical protection.

CONDUCTOR

Non water-blocked nickel plated copper /aluminum braids.

INSULATION

Silicone.

JACKET

Low smoke red silicone rubber.

| Cable Type | Size | Slant Sheet | MIL Part Number | Conductor | | Shield/Armor | Product Description |
|------------|------|-------------|-----------------|-----------|-----------|--------------|---|
| | | | | AWG | Stranding | | |
| LSPI | 3 | 25 | -01AN | 18 | 7 | Armor | 3 shielded pairs, overall silicone jacket. |
| LSPI | 7 | 25 | -02AN | 18 | 7 | Armor | 7 shielded pairs, overall silicone jacket. |
| LSPI | 12 | 25 | -03AN | 18 | 7 | Armor | 12 shielded pairs, overall silicone jacket. |

The above part numbers represent the more popular constructions. However, other designs are available upon request. All products are manufactured to meet RoHS compliance. For exceptions, please contact our sales department.

