

MIL-DTL-24640 Slant Sheets 1 - 13 Shipboard Cables

Lightweight Low Smoke

**PRODUCT CODE: MIL-DTL-24640
Slant Sheets 1 - 13**

Application

Electronic, communication and instrumentation:
MIL-DTL-24640 Slant Sheets 1 thru 13 utilize insulated conductors manufactured to MIL-W-81044/12, to which Rockbestos-Surprenant is a QPL manufacturer. These constructions are not watertight. The overall jacket is an irradiation cross-linked modified low smoke polyolefin that is compounded without halogens.

Cable Type	Slant Sheet	Product Description
DX	1	14 or 16 AWG – 2 conductors, overall jacket
TX	2	14 or 16 AWG – 3 conductors, overall jacket
FX	3	14 or 16 AWG – 4 conductors, overall jacket
TTX	4	20 AWG – 3 & 15 pairs, overall jacket
TTXS	5	20 AWG – 2 & 4 shielded pairs, overall jacket
TTXSO	5	20 AWG – 2, 6, 8 & 10 shielded pairs, overall shield and jacket
2XAO	6	22 AWG – 2, 7, 10, 18 & 40 pairs, overall jacket
1XMSO	7	22 AWG – 7, 16 & 70 shielded singles, overall shield and jacket
MXO	8	20 AWG – 10 & 14 conductors, overall shield and jacket
2XS	9	22 AWG – 2, 3, 7, 10, 14, 19, 24 & 30 shielded pairs, overall jacket
2XSO	9	22 AWG – 3, 7, 10, 14, 19 & 30 shielded pairs, overall shield and jacket
MXSO	10	16 AWG – 2, 9, 21 & 37 conductors, overall shield and jacket
3XS	11	18 AWG – 7 shielded triads, overall jacket
2XO	12	26 AWG – 6, 18, 24, 42, 60 & 77 pairs, overall shield and jacket
2XSXO	13	26 AWG – 4 shielded pairs, overall shield and jacket

Note: “O” in the part number indicates that the cable has an optimized shield. The optimized shield is a single braid that is constructed to provide the same shielding performance as a double braid in the MIL-DTL-24643 specification, while saving weight and reducing the cable diameter. The optimized shield provides 60 db shielding from dc to 100 MHz.

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