

MIL-DTL-24640 Slant Sheets 19 - 24 Shipboard Cables

Lightweight Low Smoke

PRODUCT CODE: MIL-DTL-24640
Slant Sheets 19 - 24

Application

MIL-DTL-24640 Slant Sheets 19 thru 24 utilize insulated conductors manufactured with mica/polyimide tapes which provide for circuit integrity in case of a catastrophic fire. These constructions are watertight. The overall jacket is an irradiation cross-linked modified low smoke polyolefin that is compounded without halogens.

Cable Type	Slant Sheet	Product Description
DXW	19	14 or 16 AWG – 2 conductors, overall jacket
DXOW	19	14 or 16 AWG – 2 conductors, overall shield and jacket
TXW	20	14 or 16 AWG – 3 conductors, overall jacket
TXOW	20	14 or 16 AWG – 3 conductors, overall shield and jacket
FXW	21	14 or 16 AWG – 4 conductors, overall jacket
FXOW	21	14 or 16 AWG – 4 conductors, overall shield and jacket
7XW	22	14 or 16 AWG – 7 conductors, overall jacket
MXCW	23	18 AWG – 7, 10, 14, 19, 24, 30, 37, 44 & 61 conductors, overall jacket
MXCOW	23	18 AWG – 7, 10, 14, 19, 24, 30, 37, 44 & 61 conductors, overall shield and jacket
TTXW	24	22 AWG – 1½, 3, 5, 10, 15, 20, 30 & 40 pairs, overall jacket
TTXOW	24	22 AWG – 1½, 3, 5, 15, 20, 30 & 40 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.

“W” in the part number indicates that the cable is water-blocked.

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