

# MIL-DTL-24640 Slant Sheets 14 - 18 Shipboard Cables

Lightweight Low Smoke

**PRODUCT CODE: MIL-DTL-24640  
Slant Sheets 14 - 18**

Application

Electronic, communication and instrumentation:  
MIL-DTL-24640 Slant Sheets 14 thru 18 utilize insulated conductors manufactured to MIL-W-81044 with 7 strand water-blocked conductors. Rockbestos-Surprenant is a QPL manufacturer of MIL-W-81044. 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
1XSOW	14	22 AWG – 2, 14, 20 & 30 shielded conductors, overall shield and jacket
2XSAW	15	22 AWG – 3, 7 & 14 shielded pairs, jacket
2XSAOW	15	22 AWG – 3, 7, 10, 14, 19, 24, 30 & 37 shielded pairs, overall shield and jacket
2XSW	16	18 AWG – 1, 3 & 7 shielded pairs, overall jacket
2XSOW	16	18 AWG – 3, 7, 12, 19 & 30 shielded pairs, overall shield and jacket
2XOW	17	26 AWG – 6, 18, 24, 42, 60 & 77 pairs, overall shield and jacket
3XSW	18	18 AWG – 3, 7, 10 & 14 shielded triads, overall jacket
3XSOW	18	18 AWG – 3, 7, 10, 14, 19 & 24 shielded triads, 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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