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Electronics

Introducing...



RoHS
Ready 

Raychem MIL-DTL-24640 Shipboard Cables

DESCRIPTION

- MIL-DTL-24640 has been the governing specification for lightweight shipboard cables used by the United States Navy and other military marine applications. Raychem has been listed for a variety of slash sheets contained in the MIL-DTL-24640 specification. Cables are qualified to meet the rigorous requirements of flame, smoke emissions, halogen content and severe water-blocking requirements.

KEY FEATURES

- Utilizing the technology of water-swella-ble tapes and yarns to block the ingress of water vs. the traditional silicone based water-block materials has improved flexibility and handling. The dry cable is easier and cleaner which saves time and money.

APPLICATIONS

- Cables are used in communications, control, instrumentation, signal and power for Military Marine applications.

- In addition to the MIL-DTL-24640 cables specified on the specification, Raychem can design other lightweight marine cables using the MIL-DTL-24640 qualified jacket to specific configurations, with the exact number of circuits needed and with optimized braid design using Tyco Electronics' CAD program.
- RoHS compliant

Raychem MIL-DTL-24640 Shipboard Cables

ELECTRICAL

- Meets MIL-DTL-24640 requirements

MATERIALS

- Radiation-crosslinked ZEROHAL jacketed material qualified to MIL-DTL-24640

STANDARDS & SPECS

- MIL-DTL-2460B
- MIL-W-81044B

PRODUCT DESCRIPTION

600 Volts, Lightweight

Slash-Sheet

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|------------------|---|
| MIL-DTL-24640/01 | Two Conductor, Power, Type DX, Non-Waterblocked |
| MIL-DTL-24640/02 | Three Conductor, Power, Type TX, Non-Waterblocked |
| MIL-DTL-24640/03 | Four Conductor, Power, Type FX, Non-Waterblocked |
| MIL-DTL-24640/04 | Multipair, AWG 40, Type TTX, Non-Waterblocked |
| MIL-DTL-24640/05 | Multipair, AWG 22, Type TTXSO, Non-Waterblocked, Shielded |
| MIL-DTL-24640/06 | Multipair, AWG 22, Type 2XAO, Non-Waterblocked, Shielded |
| MIL-DTL-24640/07 | Multi-Conductor, AWG 22, Type 1XMSO, Non-Waterblocked |
| MIL-DTL-24640/08 | Multi-Conductor, AWG 20, Type MXO, Non-Waterblocked, Shielded |
| MIL-DTL-24640/09 | Multipair, AWG 22, Type 2XSO, Non-Waterblocked, Shielded |
| MIL-DTL-24640/10 | Multipair, AWG 16, Type MXSO, Non-Waterblocked |
| MIL-DTL-24640/11 | Multi-triad, AWG 18, Type 3XS, Non-Waterblocked |
| MIL-DTL-24640/12 | Multipair, AWG 26, Type 2XO, Non-Waterblocked, Shielded |
| MIL-DTL-24640/13 | Multipair, AWG 26, Type 2XSXO, Non-Waterblocked, Shielded |
| MIL-DTL-24640/14 | Multi-Conductor, AWG 22, Type 1XSOW, Watertight, Shielded |
| MIL-DTL-24640/15 | Multipair, AWG 22, Type 2XSAOW, Watertight, Shielded |
| MIL-DTL-24640/16 | Multipair, AWG 18, Type 2XSOW, Watertight, Shielded |
| MIL-DTL-24640/17 | Multipair, AWG 26, Type 2XOW, Watertight, Shielded |
| MIL-DTL-24640/18 | Multi-triad, AWG 18, Type 3XOW, Watertight, Shielded |

FOR MORE INFORMATION

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