

FOR MORE INFORMATION

Technical Support

Internet:	www.te.com/ADM
USA:	+1 (800) 522-6752
Canada:	+1 (905) 470-4425
Mexico:	+52 (0) 55-1106-0814
C. America:	+52 (0) 55-1106-0814
South America:	+55 (0) 11-2103-6000
Germany:	+49 (0) 6251-133-1999
Great Britain:	+44 (0) 8706-080208
France:	+33 (0) 1-3420-8686
Netherlands:	+31 (0) 73-6246-999
China:	+86 (0) 400-820-6015

Follow us on Twitter for all the latest product news
@TEConnectivity, and on Facebook, TEConnectivity.



Introducing Raychem SeaLAN Ethernet Cables

www.te.com/ADM

© 2012 Tyco Electronics Corporation. All Rights Reserved.

1-1773448-7 ADM/RRD 2.5M 01/2012

Raychem, SeaLAN, TE Connectivity and the TE connectivity (logo) are trademarks of the TE Connectivity Ltd. family of companies.

Other products, logos, and company names mentioned herein may be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information herein, nothing herein constitutes any guarantee that such information is error-free, or any other representation, warranty or guarantee that the information is accurate, correct, reliable current. The TE entity issuing this publication reserves the right to make any adjustments to the information contained herein at any time without notice. All implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose are expressly disclaimed. The dimensions herein are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.





MIL-DTL-24643/59 through /61 constructions qualified

Waterblocked and non-waterblocked constructions

Waterblocked constructions meet water tightness requirements when tested with ASTM D1411 sea water solution

Shielded and unshielded constructions

Lightweight

Flexible

DESCRIPTION

MIL-DTL-24643 has been the governing specification for low smoke, zero-halogen insulated and jacketed shipboard cables used by the United States Navy and other military marine applications.

Raychem SeaLAN family of waterblocked and non-waterblocked Ethernet cables, as described in MIL-DTL-24643/59 through /61, are qualified to meet the rigorous requirements of flammability, smoke emissions and halogen content. Waterblocked constructions meet severe waterblocking and humidity resistance requirements.

APPLICATIONS

Cables are used in Ethernet applications for:

- Military Vessels - MIL-DTL-24643/59, /60 and /61
- Freighters
- Tankers
- Cruise Ships

ELECTRICAL

Meets the electrical requirements of ANSI/TIA 568-B.2

MATERIALS

Shielded Cables: Foamed polyethylene dielectrics

Unshielded Cables: Solid polyethylene

Low Smoke, Zero-Halogen Jacket

STANDARDS & SPECS

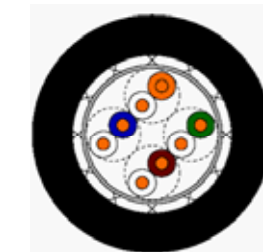
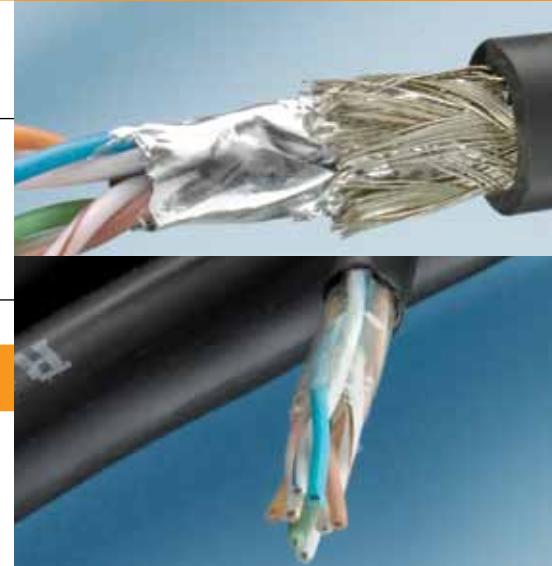
Raychem Specification 1200

Raychem Specification 345

MIL-DTL-24643/59 through /61

PRODUCT OFFERING

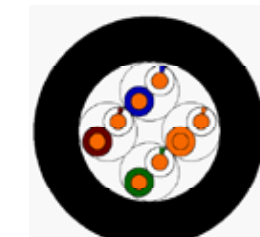
MIL Spec Part Description	Type	TE Description	Cable Description
M24643/59-01UO	LSC5FS-4	CEC-RWC-18982	24 AWG, solid bc, Al/polyester and drain wire
M24643/59-02UO	LSC5FSW-4	CEC-RWC-18983	Waterblocked, 24 AWG, solid bc, Al/polyester and drain wire
M24643/59-03UO	LSC5OS-4	CEC-RWC-18700	24 AWG, solid bc, Al/polyester and woven braid
M24643/59-04UO	LSC5OSW-4	CEC-RWC-18600	Waterblocked, 24 AWG, solid bc, Al/polyester and woven braid
M24643/60-01UN	LSC5-4	CEC-RWC-18709	24 AWG, solid bc
M24643/60-02UN	LSC5W-4	CEC-RWC-18710	Waterblocked, 24 AWG, solid bc
M24643/61-01UN	LSC5P-4	CEC-RWC-19043	24 AWG, stranded tc
M24643/61-02UD	LSC5POS-4	CEC-RWC-18886	24 AWG, stranded tc, Al/polyester and woven braid
M24643/61-03UD	LSC5POSR-4	CEC-RWC-19172	26 AWG, stranded tc, Al/polyester and woven braid



CEC-RWC-18700



CEC-RWC-18600



CEC-RWC-18709