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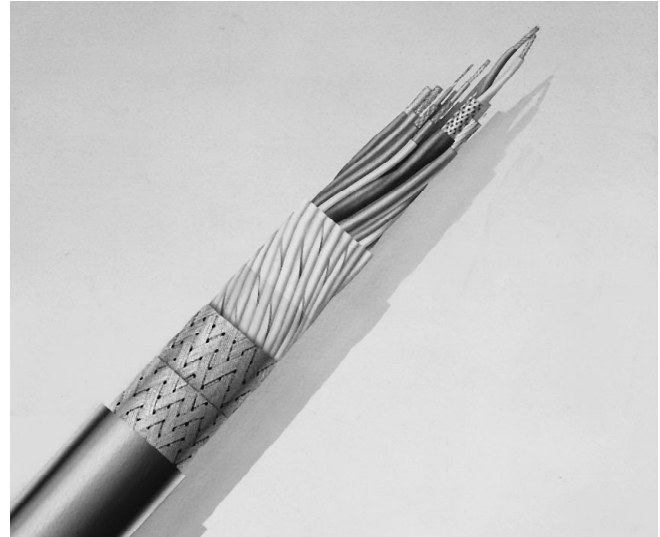
Custom-designed Multiconductor (Multicore) Cables, and Sealite Cables

Applications

Raychem is the leading manufacturer of custom-designed, small-size, lightweight, high-performance multiconductor (multicore) cables. Applications are found in the aerospace, commercial marine (Sealite), naval, mass transportation, automotive, offshore, military ground vehicle, ground support, high-performance instrumentation, industrial, and commercial markets. Raychem multiconductor (multicore) cables have been approved to many standards demanding high performance criteria in service use.

Multiconductor (Multicore) Features/Benefits

- Temperature capability: -55°C to 200°C.
- Small size, light weight.
- System compatibility with other Raychem products.
- Complete range of components.
- Specially formulated jacket materials.
- Special shielding (screening) to address EMI/EMC problems.
- Custom designed and purpose built.
- Fast response—design, pricing, and delivery.
- Prototype length facility.
- Raychem Dynalink extended flex-life and increased flexibility.
- Fire-resistant: circuit integrity (IEC331, enhanced 950°C, 3 hours).
- Small-size, lightweight, low-fire-hazard for modern high-speed vessels (Sealite).



Specifications/Approvals

Agency	Industry	Military	Raychem
Underwriters' Laboratories	Lloyd's Register of Shipping	Def. Stan. 61-12 Pt 25	WCD series
BSENISO9001	Det Norske Veritas	MIL-C-24640	
		VG 95218 Pts 27 and 28	
MSV 34410-34413, 34435, 34436			

Multiconductor (Multicore) Cables Purpose Built and Designed Using Raychem Components and Technology

Multiconductor cables are used in widely varying applications and environments. Careful consideration must be given to the selection of components with the right combination of physical, chemical, and electrical properties for specific applications.

Raychem's leadership in the technologies of polymer blending and subsequent radiation crosslinking has led to the development of a particularly broad range of cables. High-performance component wires and miniature coaxial cables are combined with unique cable jacket materials to meet the requirements of demanding environments.

Established as one of the leading manufacturers of special purpose cables, Raychem has continued to develop both its design and manufacturing expertise.

Development of a sophisticated CAD system has allowed increasingly rapid response to any design request, followed by manufacturing to the highest quality standards.

Planar Film-Bonded Cables

Raychem can custom-design and build a variety of component wires and cables onto high-performance carrier films. Components and carriers are matched to ensure temperature and environmental stability.

Dynalink, Raychem, and Sealite are trademarks of Raychem Corporation.

Users should independently evaluate the suitability of the product for their application.