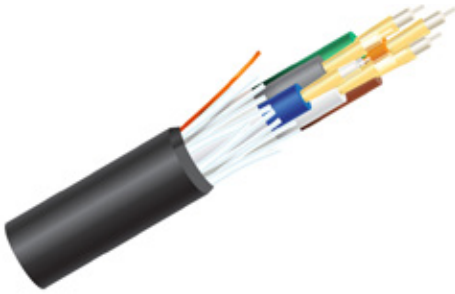


6-Fiber Glass Armored 2.2 mm 200 μ m LSZH Step-Index HCS[®] Fiber Optic Cable

P/N: C21065



Overview

These versatile low smoke zero halogen (LSZH) 2.2 mm cables, based on HCS fiber, have a broader range of installation environments than either indoor or outdoor cable. LSZH construction makes them suitable for indoor riser installations in enclosed or sealed locations. They are also sufficiently insulated to endure the transition areas from the indoors to the outdoors, such as at electrical substations, or poorly insulated semi-outdoor locations, such as wind turbine towers. These cables are crimp and cleave compatible with V-Pin connectors. They are moisture and fatigue resistant and extremely durable. LSZH materials also offer a higher operating temperature range than comparable HCS cables.

Typical Applications

Nuclear Power Plants
Offshore Marine Platforms
Shipboard Systems
Wind Turbines

| Product Specifications | |
|--|--|
| Product Description | 6-Fiber Glass Armored 2.2 mm 200 μ m LSZH Step-Index HCS Fiber Optic Cable |
| Physical Characteristics | |
| Construction | 6-Fiber Waterblocked Glass Armored |
| Fiber Core Diameter | 200 \pm 4 μ m |
| Outer Cable Diameter | 10.5 \pm 0.4 mm |
| Cable Weight | < 130 kg/km |
| Outer Jacket Material | LSZH |
| Outer Jacket Color | Black |
| Specialty Testing (IEC 754-2 Acid Gas - Halogen Content) | Passes |
| Specialty Testing (IEC 332-3 Flammability Rating) | Passes |
| Specialty Testing (Cyclic Flexing) | < 50,000 Cycles |
| Crimp & Cleave Compatibility | V-Pin Connectors |
| Optical Characteristics | |
| Type | Multimode Step-Index |
| Attenuation @ 850 nm | \leq 10 dB/km |
| Mechanical and Environmental | |
| Installation Load (Maximum) | 500 lb. (2224 N) |
| Operating Load (Maximum) | 250 lb. (1112 N) |
| Minimum Bend Installation | 158 mm |
| Minimum Bend Operating | 105 mm |
| Operating Temperature | -20 to +80 °C |
| Storage Temperature | -40 to +80 °C |
| Intended Location | Indoor/Outdoor |
| Order by Part Number | C21065 |
| Product Description Code | HCP-M0200T-V06ZB |
| OPTIONS: Also available in breakout construction with up to 18 sub-units, jacket color, outer jacket material, print legend, terminated assemblies | |
| NOTE: The operating temperature ranges are general guidelines. Consult with our Technical Sales department to determine the optimal coating and jacketing material for your specific application. 1.860.678.6636. | |

For additional information please contact your sales representative.

You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.



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