



A Furukawa Company

Simplex 200 μm 2.5 mm LSZH HCS[®] Fiber Optic Cable

P/N: C21050



Overview

Designed specifically for indoor use, these simplex and zipcord designs with 2.25 mm outer jackets are constructed with low smoke zero halogen (LSZH) cable materials from HCS fibers. They are appropriate for indoor riser installations in enclosed or sealed locations. These cables are crimp and cleave compatible with ST or SMA connectors. LSZH materials also offer a higher operating temperature range than comparable HCS cables.

Typical Applications

Nuclear Power Plants
Offshore Marine Platforms
Shipboard Systems



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| Product Specifications | |
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| Product Description | Simplex 200 µm 2.5 mm LSZH HCS Fiber Optic Cable |
| Physical Characteristics | |
| Construction | Simplex |
| Fiber Core Diameter | 200 ± 4 µm |
| Outer Cable Diameter | 2.5 ± 0.2 mm |
| Cable Weight | < 7.0 kg/km |
| Outer Jacket Material | LSZH |
| Outer Jacket Color | Orange |
| 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 | SMA and ST Connectors |
| Optical Characteristics | |
| Type | Multimode Step-Index |
| Attenuation @ 850 nm | ≤ 6 dB/km |
| Mechanical and Environmental | |
| Installation Load (Maximum) | 110 lb. (489 N) |
| Operating Load (Maximum) | 55 lb. (245 N) |
| Minimum Bend Installation | 38 mm |
| Minimum Bend Operating | 25 mm |
| Operating Temperature | -20 to +80 °C |
| Storage Temperature | -40 to +80 °C |
| Intended Location | Indoor |
| Order by Part Number | C21050 |
| Product Description Code | HCP-M0200T-A01ZS |
| 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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