Simplex 200 µm 2.5 mm LSZH HCS® Fiber Optic Cable

P/N: C21050

Overview

The OFS Simplex 200 µm LSZH fiber optic cable is designed specifically for indoor use.

The simplex design with a 2.5 mm outer jacket is constructed with low smoke zero halogen (LSZH) cable materials and incorporates HCS step-index multimode fiber. The cable is appropriate for indoor riser installations in enclosed or sealed locations.

These cables are compatible with OFS crimp and cleave SMA and ST 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	
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 ºC
Storage Temperature	-40 to +80 ºC
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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