

Simplex 200 μ m LSZH HCS[®] Fiber Optic Cable

P/N: C21058



Overview

Designed specifically for indoor use, these simplex and zipcord designs with 2.2 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 V-Pin connectors. LSZH materials also offer a higher operating temperature range than comparable HCS cables.

Typical Applications

Nuclear Power Plants
Offshore Marine Platforms
Shipboard Systems

Product Specifications	
Product Description	Simplex 200 μ m LSZH HCS Fiber Optic Cable
Physical Characteristics	
Construction	Simplex
Fiber Core Diameter	200 \pm 4 μ m
Outer Cable Diameter	2.1 \pm 0.1 mm
Cable Weight	< 6.0 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	V-Pin Connectors
Optical Characteristics	
Type	Multimode Step-Index
Attenuation @ 850 nm	\leq 8 dB/km
Mechanical and Environmental	
Installation Load (Maximum)	25 lb. (111 N)
Operating Load (Maximum)	5 lb. (22 N)
Minimum Bend Installation	33 mm
Minimum Bend Operating	22 mm
Operating Temperature	-20 to +105 °C
Storage Temperature	-40 to +80 °C
Intended Location	Indoor
Order by Part Number	C21058
Product Description Code	HCP-M0200T-V01ZS

OPTIONS: Also available in breakout construction with up to 18 sub-units, jacket color, 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.