



A Furukawa Company

GiHCS® 50/200/230 μ m Simplex Fiber Optic Cable

P/N: C26134



Simplex LSZH Riser

Overview

The GiHCS optical cable family takes advantage of the high strength characteristics of HCS® fluoroacrylate coating technology while improving bandwidth through Graded-Index optical fiber design. Most similar to OM-2 level fiber optic cables, GiHCS cables support Fast and Gigabit Ethernet, provide LSZH and OFNR Riser fire-safety ratings, and include both indoor and indoor/outdoor cable designs. These industrialized cables are crimp & cleave compatible for quick, easy field connectorization in harsh environments.

Typical Applications

Nuclear Power Plants
Offshore Marine Platforms
Shipboard Systems
Wind Turbines



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Product Specifications	
Product Description	2.2 mm Simplex 50/200/230 Low Smoke Zero Halogen
Physical Characteristics	
Fiber Core Diameter	50 µm
Fiber Geometry	50/200/230 µm
Construction	Simplex
Specialty Testing (Cyclic Flexing)	> 50,000 Cycles
Outer Cable Diameter	2.2 ± 0.1 mm
Cable Weight	< 6.0 kg/km
Outer Jacket Material	LSZH
Outer Jacket Color	Orange
Crimp & Cleave Compatibility	LC or ST Connectors
Optical Characteristics	
Type	Multimode Graded-Index
Attenuation @ 1300 nm	≤ 3.0 dB/km
Attenuation @ 850 nm	≤ 5.0 dB/km
Fiber Specifications	F16496, 50 µm GiHCS Optical Fibers
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 +80 °C
Storage Temperature	-40 to +80 °C
Intended Location	Indoor
Order by Part Number	C26134
Product Description Code	HCN-MF050T-V01ZS
OPTIONS: Also available in breakout construction with up to 18 sub-units, jacket color, outer jacket material, print legend, terminated assemblies	

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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