

GiHCS® 50/200/230 µm 2-Fiber Breakout Fiber Optic Cable

P/N: C26138



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

Product Specifications	
Product Description	2-Fiber Waterblocked LSZH 50/200/230/500 Breakout
Physical Characteristics	
Fiber Core Diameter	50 μ m
Fiber Geometry	50/200/230 μ m
Construction	2-Fiber Waterblocked
Specialty Testing (Cyclic Flexing)	> 500 Cycles
Outer Cable Diameter	8.0 $\pm$ 0.4 mm
Cable Weight	< 70 kg/km
Outer Jacket Material	LSZH
Outer Jacket Color	Black
Crimp & Cleave Compatibility	LC Connectors
Optical Characteristics	
Type	Multimode Graded-Index
Attenuation @ 1300 nm	$\leq$ 3.0 dB/km
Attenuation @ 850 nm	$\leq$ 5.0 dB/km
Fiber Specifications	F16496, 50 μ m GiHCS® Optical Fibers
Mechanical and Environmental	
Installation Load (Maximum)	530 lb. (2358 N)
Operating Load (Maximum)	265 lb. (1179 N)
Minimum Bend Installation	120 mm
Minimum Bend Operating	80 mm
Operating Temperature	-20 to +80 °C
Storage Temperature	-40 to +80 °C
Intended Location	Indoor/Outdoor
Order by Part Number	C26138
Product Description Code	HCN-MF050T-V02ZBHD Waterblocked
OPTIONS	Also available in breakout construction with up to 18 sub-units, jacket color, outer jacket material, print legend, terminated assemblies
Contact Information	For additional information please contact your sales representative. You can also visit our website at www.lightera.com or call 1-888-FIBERHELP (1-888-342-3743) USA or 1-770-798-5555 outside the USA. For a full list of our certifications, visit our website.
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