

OFS, Specialty Photonics Division

55 Darling Drive

Avon, CT 06001

Phone: 860-678-0371 • Fax: 860-674-8818

Email: info@specialtyphotonics.com • Website: http://www.specialtyphotonics.com

Item # C21054, 200 µm 6-Fiber Waterblocked LSZH Step-Index HCS® Indoor/Outdoor Cables

200 µm 6-Fiber Waterblocked LSZH Step-Index HCS® Indoor/Outdoor Cables



These versatile low smoke zero halogen (LSZH) 2.5 mm cables, based on HCS fiber, have a broader range of installation environments than either indoor or outdoor cable. LSZH construction makes them suitable for indoor riser installations in enclosed or sealed locations. They are also sufficiently insulated to endure the transition areas from the indoors to the outdoors, such as at electrical substations, or poorly insulated semi-outdoor locations, such as wind turbine towers. These cables are crimp and cleave compatible with ST or SMA connectors. They are moisture and fatigue resistant and extremely durable. LSZH materials also offer a higher operating temperature range than comparable HCS cables.

-
- [OPTICAL PROPERTIES](#) · [CABLE DESIGN](#) · [INSTALLATION AND USAGE SPECIFICATIONS](#) · [ORDERING INFORMATION](#) · [TYPICAL APPLICATIONS](#) · [CRIMP CLEAVE COMPATIBILITY](#) · [OPTIONS](#)
-

OPTICAL PROPERTIES

Type	Multimode Step-Index
Attenuation	@ 850 nm, ≤ 8 dB/km

CABLE DESIGN

Construction	6-Fiber Waterblocked
Specialty Testing [IEC 754-2 acid gas (Halogen) content]	Passes
Specialty Testing [IEC 332-3 flammability rating]	Passes
Specialty Testing [Cyclic flexing]	> 500 cycles
Fiber Core Diameter	200 ± 4 µm
Sub-Unit Diameter	2.5 ± 0.2 mm
Outer Cable Diameter	10.0 ± 0.4 mm
Cable Weight	< 85 kg/km

Outer Jacket Material	LSZH
Outer Jacket Color	Black

INSTALLATION AND USAGE SPECIFICATIONS

Maximum Installation Tensile Load	750 lb 3336 N
Maximum Operating Tensile Load	375 lb 1668 N
Minimum Bend Radius Under Load	150 mm
Minimum Bend Radius Unloaded	100 mm
Operating Temperature	-20 to +105 °C
Storage Temperature	-40 to +80 °C
Intended Location	Indoor Outdoor

ORDERING INFORMATION

Product Description Code	HCP-M0200T-A06ZB
Order From Location	AVON LOCATION (headquarters) 1.888.438.9936 toll-free in the United States and Canada 1.860.678.0371 for all other locations 55 Darling Drive Avon, CT 06001, USA info@SpecialtyPhotonics.com
Order By Item #	C21054

TYPICAL APPLICATIONS

Nuclear Power Plants

Offshore Marine Platforms

Shipboard Systems

Wind Turbines

CRIMP & CLEAVE COMPATIBILITY

SMA Connectors

ST™ Connectors

OPTIONS

Also Available in Breakout Construction with up to 18 Sub-Units

Jacket Color

Outer Jacket Material

Print Legend

Terminated Assemblies
