



INDOOR CABLE

Low Friction Flat Cable

* Content is subject to change without notice.

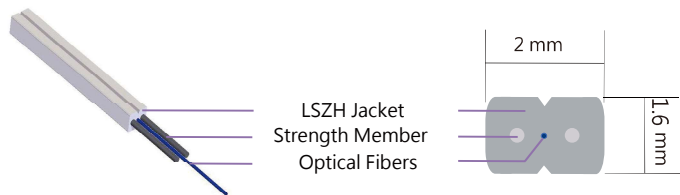


INDOOR CABLE

Product Information

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Construction



Description

Low friction indoor flat cable is used in indoor termination cabling and inside building communication applications. Fiber counts of these cables are 1 fiber. This cable consists of steel wire strength members. Outer sheath is low friction flame retardant LSZH.

Application

- Indoor termination cabling
- FTTX indoor use
- Indoor installation
- Indoor access

Specification

Fiber Count	1
Strength Member	Steel Wire
Sheath	Low Friction Flame Retardant LSZH
Cable Diameter (approx)	2.0 x 1.6 mm
Cable Weight (approx)	6.0kg/km
Max. Pulling Tension	200 N
Min. Bend Radius	Loaded: 30times of cable diameter Unloaded: 15times of cable diameter

* LSZH: Low Smoke Zero Halogen.

Features and Benefits

- Downsized to 50% (compared to conventional indoor cable)
- Reduce friction coefficient over 75%
- Allows pushing installation into ducts
- Easy for installation in building
- Can be directly assembled FA connectors

Color Code

1
White

Fiber Specification

Fiber Attenuation	Singlemode	1310nm \leq 0.4 dB/km
		1550nm \leq 0.3 dB/km
Mode-Field Diameter(SM)	G.657A	1310 nm: 8.6 ~ 9.4 μ m, \pm 0.4 μ m
		1550 nm: 9.6 ~10.7 μ m \pm 0.7 μ m

Mechanical Specification (added attenuation: dB)

Tensile Strength	TIA/EIA-455-33	Singlemode \leq 0.2
Crush Resistance	TIA/EIA-455-41	Singlemode \leq 0.2
Cyclic Flexing	TIA/EIA-455-104	Singlemode \leq 0.2
Impact Resistance	TIA/EIA-455-25	Singlemode \leq 0.2
Cable Twist	TIA/EIA-455-85	Singlemode \leq 0.2

Environmental Condition

Temperature Range	Storage	-20°C to + 60°C
	Operating	-20°C to + 60°C
	Installation	-10°C to + 50°C

Ordering Information

Cable Type	Low Friction Flat Cable
Fiber Count	01
Fiber Type	Singlemode : G.657A
Cable Outside Diameter	2.0 \pm 0.2 x 1.6 \pm 0.2 mm
Jacket Type	Low Friction Flame Retardant LSZH