



INDOOR CABLE

Flat Cable

* Content is subject to change without notice.

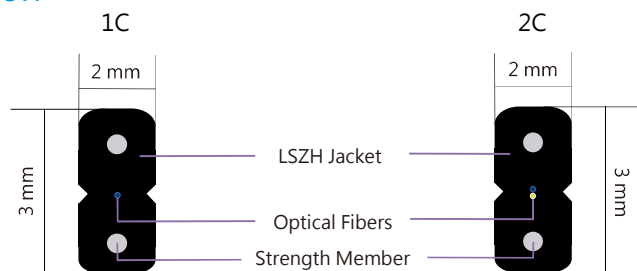


INDOOR CABLE

Product Information

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Construction



Description

Flat cable is used in indoor termination cabling and inside building communication applications. Fiber counts of these cables are 1 or 2 fibers. Cable is consist of FRP strength members. Outer sheath is LSZH material.

Application

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

Specification

Fiber Count	1	2
Strength Member	FRP	
Sheath	LSZH Jacket	
Cable Diameter (approx)	3.0 x 2.0 mm	
Cable Weight (approx)	9.6 kg/km	
Max. Pulling Tension	60 N	
Min. Bend Radius	Loaded:	30 times of cable diameter
	Unloaded:	15 times of cable diameter

* LSZH: Low Smoke Zero Halogen.

Color Code

1 Black 2 White

Fiber Specification

Fiber Attenuation	Singlemode	1310nm \leq 0.4 dB/km
		1550nm \leq 0.3 dB/km
Mode-Field Diameter(SM)	G.652D	1310 nm: 9.0 ~ 9.4 μ m, \pm 0.4 μ m
		1550 nm: 10.0 ~ 10.7 μ m \pm 0.7 μ m
	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	Flat Cable
Fiber Count	01 or 02
Fiber Type	Singlemode : G.657A, G.652D
Cable Outside Diameter	3.0 \pm 0.2 x 20. \pm 0.2 mm
Jacket Type	LSZH Jacket



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