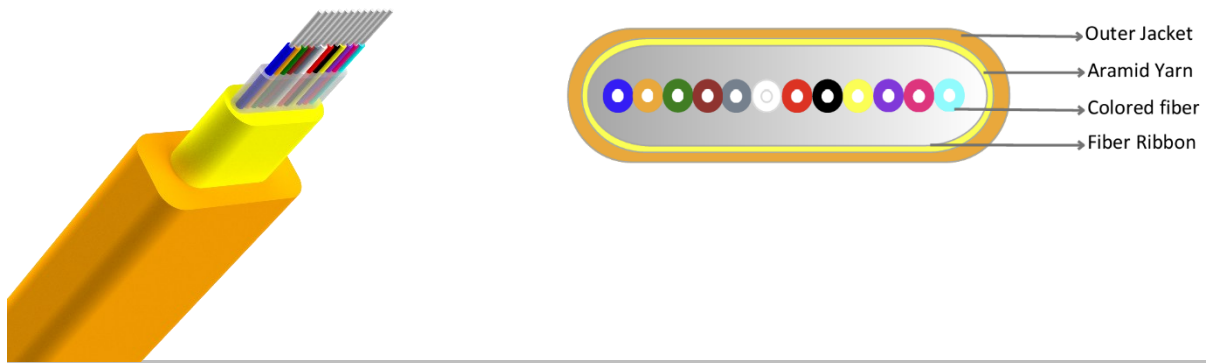


Flat Ribbon Fiber Cable

4F~12F, Single-Mode/Multi-Mode, Colored Fiber, Indoor, PVC

Cross Sectional Diagram



Applications

- Riser and plenum installations
- Unrated bare ribbon fiber
- Multi-fiber links in data centers, SANs, and telecom hubs

Features

- Aramid strength members for durability
- Standard 12-fiber configuration; other options available
- Compatible with industry-standard termination solutions
- Bare ribbon fiber available
- Fan-Out Kits offered

Specifications

Mechanical Specifications				
Fiber Count	4	6	8	12
Nominal Weight	~6.5kg/km	~6.6kg/km	~7.8kg/km	~7.9kg/km
Nominal Outer Diameter	2.3*3.7mm (0.09*0.15 inch)		2.3*4.8 mm (0.09*0.19 inch)	
Ribbon Count	1			
Max. Tensile Strength	150 N / 80 N			
Short-term / Long-term	(33.72 lbf/ 17.98 lbf)			
Crush Resistance	1000 N / 100 mm			
Min. Bend Radius-Installation	20 times x cable O.D.			
Min. Bend Radius-Operation	10 times x cable O.D.			



General Specifications

Fiber Coating	Colored
Fiber Type	Single-Mode or Multi-Mode
Strength Member	Aramid Yarn
Outer Jacket Material	PVC (OFNR or OFNP) **
Outer Jacket Color	Yellow* @ Single-Mode Fiber, Orange* @ Multi-Mode Fiber

*Subject to change upon request

** Outer Jacket Material can be changed upon the customer's request

Fiber/Tight Buffer & Tube Coloring

1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Brown	Slate	White	Red	Black	Yellow	Violet	Pink	Aqua

Color order can be changed upon the customer's request

Environmental Conditions

Temperature Range – Installation	- 20°C to + 60°C (- 4°F to 140°F)
Temperature Range - Storage	- 20°C to + 60°C (- 4°F to 140°F)
Temperature Range - Operation	- 20°C to + 60°C (- 4°F to 140°F)

Optical Characteristics (Single-Mode)

Fiber Category	OS2 (G657A1, G657A2)
Wavelengths	1310nm/1550nm
Typical. Attenuation	0.36/0.22 dB/km

*The values of fiber attenuation loss change are the results measured after all tests have been completed

Optical Characteristics (Multi-Mode)

Fiber Category	OM1	OM2	OM3	OM4	OM5
Wavelengths	850/1300nm				
Typical. Attenuation	3.0/1.0 dB/km				

*The values of fiber attenuation loss change are the results measured after all tests have been completed



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