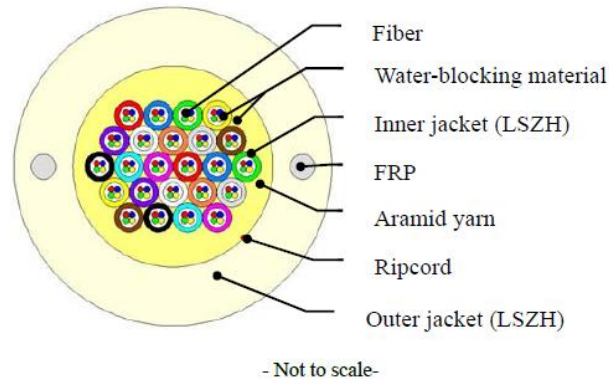


Fiber Optic riser Cables for MDU



Description:

Distribution to Riser cabling, for utilization in vertical installation (FTTH building). The cable includes up to 24 fiber micro modules with each micro module containing 4 colored fibers 250um. The outer jacket incorporates two dielectric strength elements and an outer HFFR jacket.

Features:

- > More cable cores, compact structure and small size
- > Mainly used for distribution and access network
- > The inner jacket can be easy to be removed with finger nails
- > All dielectric structure design, without electromagnetic induction effect.

Applications:

- > Apply in vertical installation.
- > Apply to the shaft, pipe, groove, wall, ceiling and other indoor environment installations.
- > Used for communication between indoor network access point and optical network termination.
- > Used as wiring cable in user access section of fiber to the home and other optical access network.

Specifications and Dimensions:

Parameters		
Fiber	Cores	24 / 48 / 96 fibers
	Type	ITU-T G.652D or ITU-T G.657A2
	Fibers color	Blue , orange , green and brown
Inner tube	OD(mm)	1.15± 0.05
	Thickness(mm)	0.15± 0.05
	Material	LSZH
	Coating strip force	Typical average force 1.5N
Color	Inner Jacket	01-12: Blue, orange, green, brown, grey, white, Red, black, yellow, violet, pink, aqua. 13-24: same color with one ring
	Outer Jacket	Ivory
Material	Strength member wire	2 dielectric strength members
	Inner/Outer sheath	LSZH
	Cable Diameter	96F - 13.0 ± 10% mm 48F - 9.0 ± 10% mm 24F – 7.8 ± 10% mm
	Cable weight	Approx. 91 kg/km (96F) Approx. 65 kg/km (48F) Approx. 46 kg/km (24F)

ITEM	STANDARD	VALUE	PERFORMANCE
Tensile (short time)	IEC 60794-1-21 E1	500N	$\Delta\alpha$ reversible*
Crush	IEC 60794-1-21 E3	2200 N/100mm	$\Delta\alpha$ reversible
Impact	IEC 60794-1-21 E4	5 N·m, 3impacts, r=300mm	$\Delta\alpha$ reversible
Torsion	IEC 60794-1-21 E7	1 m, $\pm 180^\circ$	$\Delta\alpha$ reversible
Cable bend		R=10D (D: Cable diameter)	$\Delta\alpha$ reversible
Min. Bending Radius(mm)	Dynamic	15D	
	Static	7.5D	
Temperature range	IEC 60794-1-22 F1	-30°C → +60°C, 12h, 2cycles	$\Delta\alpha \leq 0.1$ dB/km
Water penetration	IEC 60794-1-22 F5B	Sample=3m, water=1m	No water leakage after 24 hour
Transportation & Storage Temperature	-20~70°C		
Installation Temperature	-10~60°C		
Operation temperature	-20~70°C		
Environmental friendly	RoHS compliant		

*: Additional attenuation after test ≤ 0.05 dB@1550nm

Ordering Information:

<i>Fiber Optic riser Cables for MDU 96 fibers – 24x4f:</i>	OCF0503
<i>Fiber Optic riser Cables for MDU 48 fibers – 12x4f:</i>	OCF0526
<i>Fiber Optic riser Cables for MDU 24 fibers – 6x4f:</i>	OCF0528