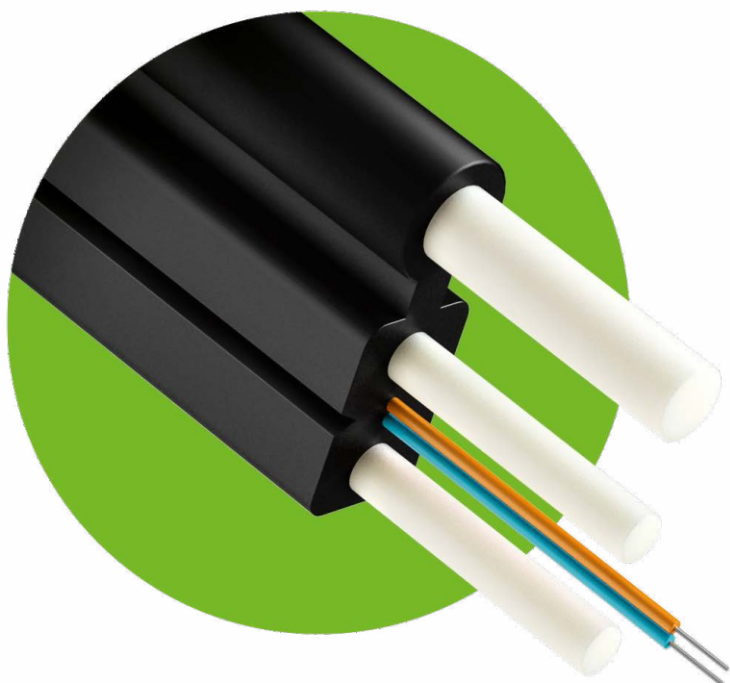
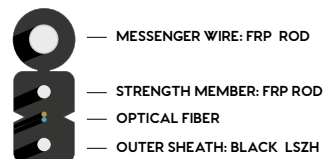




FOC-F8-1.0-FRP-LSZH(BC)+2x0.5-FRP-Nx(fiber core type)-2.0x5.0-1.8



Cable Description



Applications



Applied outdoor, for installation on the telecommunication supports, between the buildings and industrial constructions



Applied indoor, for cable tray distribution networks of fiber optics. It is allowed to lay cable on the outdoor facade of a building.



Applied in drain system distribution networks of fiber optics. Blow in a cable into protective plastic pipes.

Features



Perfect for indoor distribution networks of fiber optics



High connecting usability, easy access to the fiber core



Full dielectric design



High flexibility design



Fire redundant protection



UV radiation protection



Tensile load rating – 1,8 kN



Crushing load of cable



Minimum dimension and weight of drop cable

Color code (TIA/EIA 598)

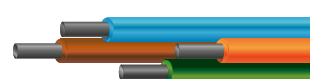
1 FIBER
NATURAL



2 FIBERS
1. BLUE
2. ORANGE



4 FIBERS
1. BLUE
2. ORANGE
3. GREEN
4. BROWN





Technical Data

Item	Value (N)		
	1 fiber	2 fibers	4 fibers
Self-supporting. Strength member material	FRP	FRP	FRP
Self-supporting. Strength member diameter (mm)	1.0	1.0	1.0
Strength member material	FRP	FRP	FRP
Strength member diameter (mm)	0.50	0.50	0.50
Sheath thickness (mm)	≥0.40	≥0.40	≥0.40
Cable diameter (mm)	2.0*5.2(±0.1)	2.0*5.2(±0.1)	2.0*5.2(±0.1)
Cable weight (kg/km)	14.5	15.0	16.0
Operating temperature range (°C)	-50 ~ +70	-50 ~ +70	-50 ~ +70
Tensile strength short/long term (N)	1800/700	1800/700	1800/700
Crush resistance short/long term (N/100mm)	2200/1000	2200/1000	2200/1000

Characteristics Fiber

Item	Attenuation		Min. bending radius (rip off the messenger wire) dynamic/static (mm)	Min. bending radius (mm)
	@1310nm	@1550nm		
G.652.D	≤0.40 dB/km	≤0.30 dB/km	30/60	120
G.657.A1/A2	≤0.35 dB/km	≤0.25 dB/km	10/25	120

Main Mechanical and Environmental Performances

Items	Test Standard	Specified Value	Requirements
Tension	IEC 60794-1-2-E1	See Technical data	Additional attenuation: ≤0.4dB after test
Crush	IEC 60794-1-2-E3	See Technical data	Additional attenuation: ≤0.4dB after test
Impact	IEC 60794-1-2-E4	R=300mm, 10Nm, one in 3 different places	Additional attenuation: ≤0.4dB after test
Repeated bending	IEC 60794-1-2-E6	R=30H	Additional attenuation: ≤0.4dB after test
Temperature cycling	IEC 60794-1-2-F1	-50°C~+70°C	Attenuation change: ≤0.4dB/km after test

* All optical measurements at 1550nm.

Packing and Reel Length

· Standard wooden drum with protection

· Standard reel length: 1/2 km/reel, other length is also available.