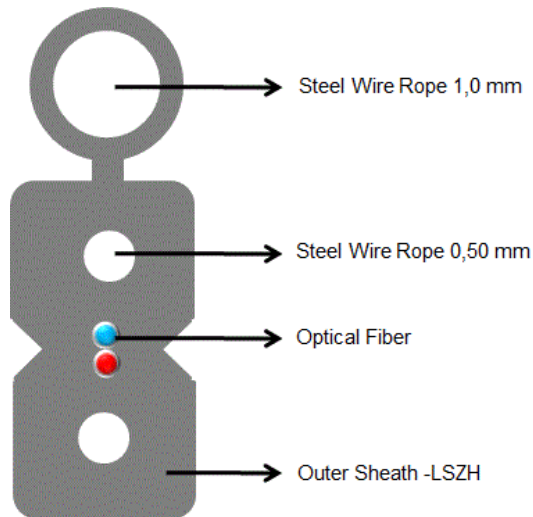


Outdoor Fiber Cable

BF-OS01 Drop Steel Wire Fiber Cable

(IEC 60794-2)



Fiber Type
Attenuation at 1310 nm
Attenuation at 1550 nm

SM 9/125 (G.657 A2)
Max. 0.40 dB/km
Max. 0.25 dB/km

Application

Outdoor optical fiber for FTTH Aerial applications, can be used also for indoor application as horizontal cable inside premises.



General Construction

Compact & simple construction, Light Weight, Novel Groove Design, Two rope and one hanging Steel Wire strength members, up to 4 colored fibers, FR/LSZH outer sheath.

Cable Design

Outer Sheath Material	FR/LSZH According to IEC 60332-1-2
Outer Sheath Color	Black RAL 9005
Number of Fiber Cores	Up to 4 Fiber Cores
Fiber cores colors	Blue, Orange, White, Yellow
Cable Size	2.0mm ± 0.1 X 5.20mm ± 0.1
Steel Rope Diameter	2 x 0.5mm
Steel Hang Wire Diameter	1.0mm

Performance and Standards

No.	Cable Test	Standard	Requirements
1	Tensile Strength (installation)	IEC 60794-1 E1	600N
2	Tensile Strength (Operation)	IEC 60794-1 E1	300N
3	Cable Bend Radius (Static),	IEC 60794-1-E11	15 mm
4	Cable Bend Radius (Dynamic),	IEC 60794-1-E11	30 mm
5	Crush Strength (Installation)	IEC 60794-1-E3	500N / 100 mm
6	Crush Strength (Operation)	IEC 60794-1-E3	80N / 100 mm
7	Temperature Cycling Storage	IEC 60794-1-F1	-30°C to +70°C
8	Operation Temperature	IEC 60794-1-F1	-20°C to +60°C
9	Installation Temperature	IEC 60794-1-F1	-20°C to +60°C



Cable Marking

PAMIX BT-OS01 Outdoor Fiber Cable Steel Wire <Product Number> <Number of fiber cores> SM 9/125 G.657 A2 FRLSZH <Lot No.> <meter count>

* Cable marking can be customized to meet customer needs.

Delivery

2000 Meter length standard reel on poly-wood drum,

18.0 kg/km cable weight

45.0 kg/drum gross weight

50 cm drum Flange Diameter

* Delivery can be customized to meet customer needs.

Warranty

25 years performance warranty, refer to PAMIX Worldwide warranty terms.

Ordering Information

Description	Art. Number
PAMIX BF-OS01 Outdoor Fiber cable 1 core, SM G.657 A2, Steel Wire Rope	1012031
PAMIX BF-OS01 Outdoor Fiber cable 2 cores, SM G.657 A2, Steel Wire Rope	1012032
PAMIX BF-OS01 Outdoor Fiber cable 3 cores, SM G.657 A2, Steel Wire Rope	1012033
PAMIX BF-OS01 Outdoor Fiber cable 4 cores, SM G.657 A2, Steel Wire Rope	1012034