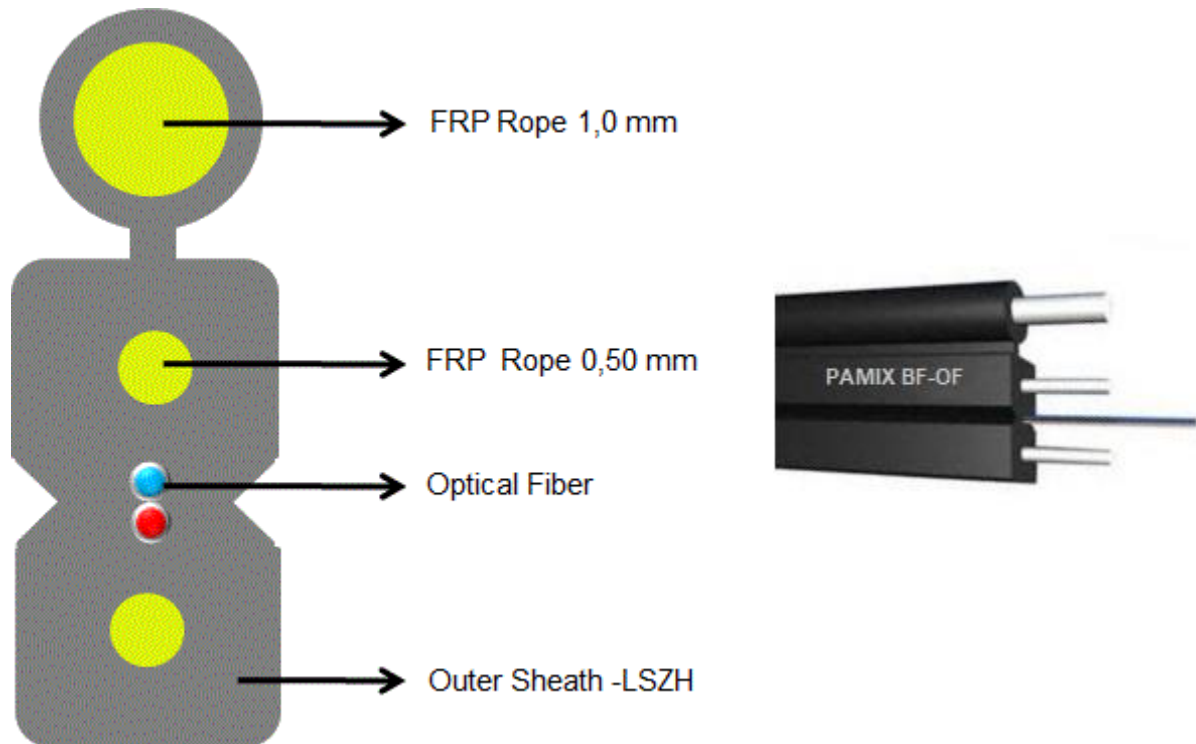


Outdoor Fiber Cable

ABF-OF04 Drop Fiber Cable Outdoor FRP Novel Groove Design

(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 inside premises.



General Construction

Compact & simple construction, Light Weight, Novel Groove Design, Two rope and one hanging FRP strength members, up to 4 colored fibers embedded in outer sheath, 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 |
| FRP Rope Diameter | 2 x 0.5mm |
| FRP Hang Wire Diameter | 1.0mm |

Performance and Standards

| No. | Cable Test | Standard | Requirements |
|-----|---------------------------------|-----------------|----------------|
| 1 | Tensile Strength (installation) | IEC 60794-1 E1 | 500N |
| 2 | Tensile Strength (Operation) | IEC 60794-1 E1 | 250N |
| 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 | 1000N / 100 mm |
| 6 | Crush Strength (Operation) | IEC 60794-1-E3 | 800N / 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-OF04 Outdoor Fiber Cable FRP <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,

14.5 kg/km cable weight

35.0 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-OF04 Outdoor Fiber cable 1 core, SM G.657 A2, FRP Strength member | 1012021 |
| PAMIX BF-OF04 Outdoor Fiber cable 2 cores, SM G.657 A2, FRP Strength member | 1012022 |
| PAMIX BF-OF04 Outdoor Fiber cable 3 cores, SM G.657 A2, FRP Strength member | 1012023 |
| PAMIX BF-OF04 Outdoor Fiber cable 4 cores, SM G.657 A2, FRP Strength member | 1012024 |