

FIBER OPTIC CABLES



SINGLE OR MULTI LOOSE TUBE, ARMOURED, PE SHEATHED FIBER OPTIC CABLES

Standards

- > ITU-T G. 652 (Singlemode fiber)
- > ITU-T G. 651 (Multimode fiber)
- > IEC 60794 (Tests)



As a global manufacturer of telecom products, Prysmian offers the market an integrated set of components, systems, engineering and installations for turn-key projects in the field of Premises, leading the transition from copper to fiber optic.

ARCHITECTS OF LIGHT

FIBER OPTIC CABLES



SINGLE TUBE, ARMOURED, PE SHEATHED FIBER OPTIC CABLES

Construction

Enhancing the mechanical performance of the unarmoured single tube family, these Corrugated Steel Tape armoured cables aimed at indoor or outdoor applications when total rodent resistance is required. The Corrugated Steel Tape works as a very good barrier against water.

Technical Data

Number of fibers	: up to 12 fibers
Fiber Type	: 9/125 Singlemode 50/125 Multimode 62,5/125 Multimode
Standard Length	: 2000 or 4000 ± 100 m

These cables tested according to these standards:

Tensile Strength	: 750 N - IEC 60794-1-2 / E1
Crush Test	: 2500 N/10 cm - IEC 60794-1-2 / E3
Water Penetration	: IEC 60794-1-2 / F5
Temperature Cycling	: IEC 60794-1-2 / F1

Applications

Used in indoor and outdoor cable systems, telecommunication and data lines. Outdoor applications can be applied directly under ground or in cable ducts.

Halogen free, flame retardant and low smoke generating **Afumex™** optical fiber cables with LSOH technology which protects human health and goods can also be produced by Prysmian.



Flame Retardant



IEC 60332-1 for Afumex™

Flame Retardant



IEC 60332-3 for Afumex™

Halogen Free



IEC 60754-2 for Afumex™

Low Smoke



IEC 61034 for Afumex™

Crush Test



≤ 2500 N/10 cm.

Bending Radius



op ≥ 16 x D mm.
inst ≥ 20 x D mm.

Operating Temperature



-25 °C / +60 °C

Tensile Strength



750 N

FIBER OPTIC CABLES



MULTI LOOSE TUBE, ARMOURED, PE SHEATHED FIBER OPTIC CABLES

Construction

Enhancing the mechanical performance of the unarmoured multi loose tube family, these Corrugated Steel Tape armoured cables aimed at indoor or outdoor applications when total rodent resistance is required. The Corrugated Steel Tape works as a very good barrier against water.

Technical Data

Numbers of fibers	: up to 144 fibers
Fiber Type	: 9/125 Singlemode 50/125 Multimode 62,5/125 Multimode
Standard Length	: 2000 or 4000 ± 100 m

These cables tested according to these standards:

Tensile Strength	: 1.5 x Cable Weight - IEC 60794-1-2 / E1
Crush Test	: 2500 N/10 cm - IEC 60794-1-2 / E3
Water Penetration	: IEC 60794-1-2 / F5
Temperature Cycling	: IEC 60794-1-2 / F1

Applications

Used in indoor and outdoor cable systems, telecommunication and data lines. Outdoor applications can be applied directly under ground or in cable ducts.

Halogen free, flame retardant and low smoke generating **Afumex™** optical fiber cables with LSOH technology which protects human health and goods can also be produced by Prysmian.



Flame Retardant



IEC 60332-1 for Afumex™

Flame Retardant



IEC 60332-3 for Afumex™

Halogen Free



IEC 60754-2 for Afumex™

Low Smoke



IEC 61034 for Afumex™

Crush Test



≤ 2500 N/10 cm.

Bending Radius



op ≥ 16 x D mm.
inst ≥ 20 x D mm.

Operating Temperature



-25 °C / +60 °C

Tensile Strength



1.5 x Cable weight

Türk Prysmian Kablo ve Sistemleri A.Ş.

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