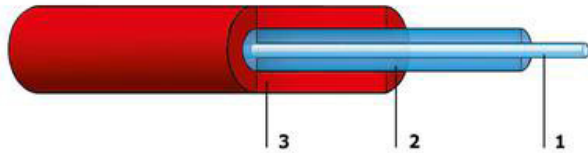


Single-mode fibre, E9/125/250, OS2 / G.652.D BLO

low attenuation, bend loss optimized

in accordance with ITU-T G.652.D, compatible with ITU-T G.657.A1



- 1 Core
- 2 Cladding
- 3 Coating

Description

Bend loss optimized (BLO) single-mode fibre with improved macrobending properties for the home connection and for the cabling in FTTH access networks (Fibre-to-the-home).

Full-spectrum single-mode fibre, suitable for the operating wavelengths in all FTTH networks.

Fully compatible with (and even exceeding) the standards ITU-T G.652.D and ITU-T G.657.A1.

Permitted bending radius: 15 mm up to 10 mm.

Applicazione

Home connection, FTTH access network, FTTH in-house cabling.

Proprietà generali

Operating temperature	-60 °C - +85 °C
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Proprietà meccaniche

Cladding diameter [µm]	125 +/- 0.7
Coating diameter [µm]	242 +/- 5
Maximum cladding non-circularity[%]	0,7 %
Maximum cladding/Coating concentricity error [µm]	12 µm
Maximum core/cladding concentricity error [µm]	0,5 µm
Test load [kpsi]	100 kpsi

Standards

Fiber specifications	IEC 60793-2-50 Category B-652.D, B-657.A1, ITU-T G.652.D, ITU-T G.657.A1, IEC 60793-2-50-C.5
Cabling standards	ISO/IEC 11801-1, EN 50173-1

Versions

<STEPTABLE O="STEP_PRODUCT_100939" OT="Product" TT="267772" VC="CTX_italian" VO="501478" W="Approved" />