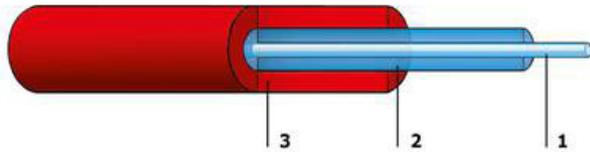


## Single-mode fibre, E9/125/250, G.657.A2

bend optimized

in accordance with ITU-T G.657.A2



- 1 Core
- 2 Cladding
- 3 Coating

### Description

Bend insensitive 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 singlemode fibre, suitable for the operating wavelengths in all FTTx networks.

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

Permitted bending radius: up to 7.5 mm

### Applicazione

Home connection, FTTH access network, FTTx indoor cabling.

### Proprietà generali

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

### 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-657.A2, ITU-T G.657.A2, IEC 60793-2-50-C.5
Cabling standards	ISO/IEC 11801-1, EN 50173-1

### Versions

<STEPTABLE O="STEP\_PRODUCT\_100940" OT="Product" TT="267772" VC="CTX\_italian" VO="501478" W="Approved" />