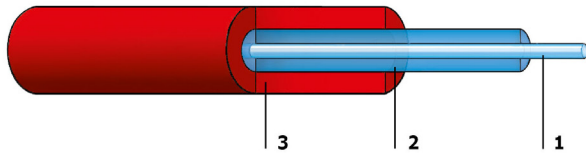


## Single-mode fibre, E9/125/250, OS2 / G.652.D

low attenuation

in accordance with ITU-T G.652.D, IEC 60793-2-50 Type B1.3, equates to EN 50173:2011 OS2



- 1 Core
- 2 Cladding
- 3 Coating

### Description

Full-spectrum single-mode fibre in accordance with ITU-T G.652.D with optimised transmission characteristics. Suitable for the operating wavelengths in all FTTx networks. Tight dispersion tolerance to support low-cost upstream transmitters. Superior bending properties allow for easy installation. Backward compatible with installed base of G.652 fibre. Enables a cost-effective FTTx deployment: provides extra distance and margin and reduces field equipment and maintenance costs.

### Applicazione

LAN backbone, data centre, city network, access network, FTTx network, long haul network (WAN).

### Proprietà generali

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

Cladding diameter [µm]	125.0 +/- 0.7
Coating diameter [µm]	245 +/-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, ITU-T G.652.D, IEC 60793-2-50-C.5
Cabling standards	ISO/IEC 11801-1, EN 50173-1

### Versions

<STEPTABLE O="STEP\_PRODUCT\_100900" OT="Product" TT="267772" VC="CTX\_italian" VO="501478" W="Approved" />