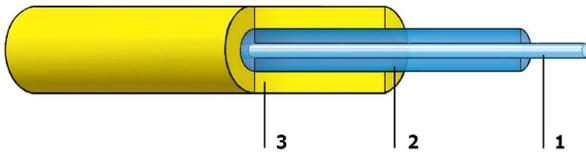


## Multimode fibre, G50/125/250, OM3

bend optimized

IEC 60793-2-10 Type A1-OM3b, ISO/IEC 11801:2017 OM3, EN 50173:2018 OM3, TIA/EIA 492AAAC-B



- 1 Core
- 2 Cladding
- 3 Coating

### Description

Bend insensitive fibre with enhanced macrobending features, particularly recommended for high-performance transmissions in the 850 nm wavelength like 10-GbE with duplex links or 40/100-GbE with high-speed parallel optic links.

The geometrical, optical and mechanical specifications meet or exceed all relevant international standards.

This fibre is compatible with standard category OM2 fibres in existing/legacy networks.

### Applicazione

In Premises cabling for LAN backbones (Campus and Vertical/Riser cabling), Fibre to the Office and Fibre to the Desk (FTTO, FTTD = horizontal cabling) as well as in Data Centre cabling.

### Proprietà meccaniche

Cladding diameter [ $\mu\text{m}$ ]	125.0 +/- 1.0
Coating diameter [ $\mu\text{m}$ ]	240 +/- 5
Core diameter [ $\mu\text{m}$ ]	50.0 +/- 2.5
Maximum cladding non-circularity[%]	1,2 %
Maximum cladding/Coating concentricity error [ $\mu\text{m}$ ]	12 $\mu\text{m}$
Maximum core/cladding concentricity error [ $\mu\text{m}$ ]	1,5 $\mu\text{m}$
Test load [kpsi]	100 kpsi

### Standards

Fiber specifications	IEC 60793-2-10 Type A1-OM3b, ITU-T G.651.1, TIA/EIA 492AAAC-B
Cabling standards	ISO/IEC 11801-1, EN 50173-1

### Versions

<STEPTABLE O="STEP\_PRODUCT\_100903" OT="Product" TT="267772" VC="CTX\_italian" VO="501478" W="Approved" />