

Fibre Optic Cable Products

Datasheet	Product Description	Applicable Standard
E25	Indoor/Outdoor Central Tube Dielectric Armoured 3kN cable	1,2,3*,4*,5,6,7,8,9

* For details of the fibre specification reference is made to the corresponding fibre data sheet.

Applicable Standards

1. **ISO/IEC 11801**
2. **EN 50173/VDE 0800-173-1**
3. **IEC 60793-2-10**: 2016 / **EN 60793-2-10** / **VDE 0888-321**: 2008-07, Optical fibres - Part 2-10: Product specifications – Sectional specification for category A1 multimode fibres.
4. **IEC 60793-2-50**: 2018 / **EN 60793-2-50** / **VDE 0888-325**: 2016-10, Optical fibres - Part 2-50: Product specifications – Sectional specification for class B single-mode fibres.
5. **IEC 60794-1-1**: 2015/**EN 60794-1-1** / **VDE 0888-100-1**: 2016-10, Optical fibre cables - Part 1-1: Generic specification – General.
6. **IEC 60794-1-21**: 2014 / **VDE 0888-100-21**: 2016-12 / **IEC 60794-1-22**: 2017/ **VDE 0888-100-22** - Optical fibre cables - Part 1-21/22: Generic specification – Basic optical cable test procedures.
7. **IEC 60794**: 2023 - Optical fibre cables - **Part 6-10**: Indoor-outdoor cables – Family specification for universal indoor-outdoor
8. **EN 50290-2-27**: 2002 + A1: 2007: Common design rules and construction – Halogen free flame-retardant thermoplastic sheathing compounds.

Fire Properties of all mentioned Products

9. LSHF (FRNC) products:

Fire Rating: IEC 60332-1; IEC 60332-3-24.
CPR: EN 50575, EN 50399 Class B2ca-s1a-d1-a1

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