

# EU Declaration of Conformity

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|---------------------|---|
| Product Code        | 205-360   |
| Product Description | Excel Enbeam OS2 Singlemode SWA Direct Burial Fibre Optic Cable Loose Tube 12 Core 9/125 LSZH Eca Black |
| Manufacturer        | Mayflex UK Limited  |
| Address             | Excel House - Junction Six Industrial Park<br>Electric Avenue<br>Birmingham<br>B6 7JJ<br>United Kingdom |

This declaration is issued under the sole responsibility of the manufacturer

| Harmonised Standards and Technical Specification |   |
|--|---|
| IEC 60332-1-2:2004                               | Tests on electric and optical fibre cables under fire conditions. Test for vertical flame propagation for a single insulated wire or cable. Procedure for 1 kW pre-mixed flame  |
| IEC 60754-2:2014+A1:2020                         | Test on gases evolved during combustion of materials from cables - Part 2: Determination of acidity (by pH measurement) and conductivity  |
| IEC 61034-2:2005+A2:2020                         | Measurement of smoke density of cables burning under defined conditions - Part 2: Test procedure and requirements   |
| IEC 60793-1-1:2022                               | Optical fibres - Part 1-1: Measurement methods and test procedures - General and guidance   |
| IEC 60793-1-20:2014                              | Optical fibres - Part 1-20: Measurement methods and test procedures - Fibre geometry  |
| IEC 60793-1-21:2001                              | Optical fibres - Part 1-21: Measurement methods and test procedures - Coating geometry  |
| IEC 60793-1-22:2001                              | Optical fibres - Part 1-22: Measurement methods and test procedures - Length measurement  |
| IEC 60793-1-30:2010                              | Optical fibres - Part 1-30: Measurement methods and test procedures - Fibre proof test  |
| ITU G.652.D                                      | Characteristics of a single-mode optical fibre and cable  |
| EN 50173-1:2018                                  | Information technology. Generic cabling systems - General requirements  |
| EN 50575: 2014 + A1: 2016                        | Power, control and communication cables — Cables for general applications in construction works subject to reaction to fire requirements  |
| EN 50399:2011+A1:2016                            | Common test methods for cables under fire conditions. Heat release and smoke production measurement on cables during flame spread test. Test apparatus, procedures, results     |
| ISO/IEC 11801-1:2017                             | Information technology - Generic cabling for customer premises: Part 1 General Requirements   |
| ANSI/TIA 568-3.D                                 | Optical Fiber Cabling and Components Standard   |
| ANSI/TIA/EIA 598-D                               | Optical Fibre Cable Colour Coding   |
| RoHS-II/-III (2011/65/EU & 2015/863): 2023       | Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III). |
| WFD: 2023  | Compliant to Waste Framework Directive  |

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|------------------------|--|
| SCIP: 2023             | Compliant - Does Not Contain Substances of Concern<br>In articles as such or in complex objects (Products) |
| POPs (EU) No 2019/1021 | EU Regulation for the restriction of Persistent Organic<br>Pollutants.                                     |

The goods detailed here have been produced from an approved supplier to this company and manufactured in accordance with the standards and technical descriptions/specifications detailed above.

They have been stored under suitable conditions, not used, modified or repaired and have been subjected to our own quality control system requirements.

Authorised Signature: 

Date: 20/12/2024

Martin Eccleston (Commercial Manager) On behalf of Mayflex UK Limited