

OFS
2000 Northeast Expressway
Norcross, GA 30071

Office: 123-456-7890
name@ofsoptics.com

www.ofsoptics.com



A Furukawa Company

Your Optical Fiber Solutions Partner®

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To obtain the Declaration of Performance for OFS InvisiLight® components, the solution is broken down into component groups as follows:

1) **Indoor Cables**

Hallway cables are supplied as 2, 4, 6, 8, 12 and 16 fibre versions and the internal living unit 1 fibre cable is supplied within an EZ-Connect module.

- a. The 2, 4, 6, 8 and 12f hallway cables have a CPR rating as shown on the datasheet in the link below (see code **MP20-R** or **MPHW**): -
<https://fiber-optic-catalog.ofsoptics.com/documents/pdf/M-Pack-Interconnect-Cordage-Plenum-Rated-229-web.pdf>
To obtain the DOP, enter the DoP code as referenced on the data into the link below: -
www.ofs-sales.com/cpr
- b. The 16f hallway cable has a CPR rating as shown on the DoP.
To obtain the DoP, enter the DoP code **MPHW-016-A-R** into the link below: -
www.ofs-sales.com/cpr
- c. The 1f Internal Living Unit cable has a CPR rating as shown on the DoP.
To obtain the DoP, enter the DoP code **LG09-001-B-P** into the link below: -
www.ofs-sales.com/cpr

2) **Indoor/Outdoor Cables**

The indoor/outdoor MDU drop M-Pack cables are supplied as 12f and 24f versions.

- a. The 12f version has a CPR rating as shown on the datasheet in the link below (see code **MO30**): -
<https://fiber-optic-catalog.ofsoptics.com/documents/pdf/M-Pack-Indoor-Outdoor-MDU-Drop-Cable-prem-235-web.pdf>
To obtain the DoP, enter the DoP code as referenced on the datasheet into the link below: -
www.ofs-sales.com/cpr
- b. The 24f version has a CPR rating as shown on the datasheet in the link below (see code **MO38**): -
<https://fiber-optic-catalog.ofsoptics.com/documents/pdf/M-Pack-Indoor-Outdoor-MDU-Drop-Cable-prem-235-web.pdf>
To obtain the DoP, enter the DoP code as referenced on the datasheet into the link below: -
www.ofs-sales.com/cpr

3) **Adhesive.**

OFS InvisiLight adhesive is a general-purpose construction adhesive (commonly referred to as a “Grab adhesive”) and is outside the scope of the CPR. It is not covered by a published designated/harmonised standard in the UK or EU.

Very few adhesives are covered by designated/harmonised standards, the major one is three types of ceramic tile adhesives.

Construction adhesive “sealants” e.g., façade sealants, glazing sealants, sanitary sealants and pedestrian walkway sealants are covered by harmonised standards and are used between two joints to seal a gap and accommodate movement.

Tests have been conducted independently by OFS demonstrating that the glue does not adversely affect the declared flame propagation performance of the cable used in the InvisiLight solution.

Please see the below link to the ***OFS Material Safety Data Sheet (MSDS)*** for the adhesive.
<https://www.ofsoptics.com/wp-content/uploads/Invisilight-Adhesive-MSDS-May-2018.pdf>

4) **Enclosures.**

OFS enclosures are outside the scope of CPR as they are not covered by a harmonised standard in the UK or EU. The materials used in OFS enclosures are covered under a North American standard and these materials comply to UL94-V0 rating.

In addition, the “***OFS Clip Recommendations***” document details the installation of suitably spaced steel retaining clips for optical fibre cable to meet the requirements of BS 7671:2018, IET Wiring Regulations 18th Edition, and can be found at the following link:
https://www.ofsoptics.com/wp-content/uploads/OFS-Clip-Recommendations_v3.pdf

OFS believe this should cover InvisiLight fire related questions. However, if you require any further information then do not hesitate to contact us.