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| MANUFACTURER: | FIBRAIN Sp. z o.o. |
| ADDRESS: | 36-062 Zaczernie 190F Poland T.(+48) 17 86 60 830, F. (+48) 17 86 608 10 |
| PRODUCT: | Fiber optic microcable FIBRAIN METROJET |
| TYPE (MODEL): | MK-LX4, MK-LX6, MK-LXS6, MK-LX7, MK-LXS7, MK-LX8, MK-LXS8, MK-LX9, MK-LXS9, MK-LX10, MK-LXS10, MK-LX11, MK-LXS11 |
| FIBER TYPE: | SMF 9/125 ITU-T G.652.D, G.657.A1, G.657.A2 MMF 50/125 ITU-T G.651.1 / IEC 60793-2-10 A1a OM2, OM3, OM4 MMF 62,5/125 IEC 60793-2-10 A1b OM1 |
| QUANTITY: | 4-288 fibers (depending on the model) |
| CONSTRUCTION: | FRP strength and anti-buckling element, dry yarns to prevent moisture into the cable, loose tube, with filling compound (4F, 6F, 8F, 12F), optical fibers, fillers (if applicable), 6-24 elements SZ stranded cable core in one or two layer, UV stabilized PE outer sheath, options PA |

DESTINATION AND APPLICATION:

The scope of the product's destination and proper application is included in the update version of its technical specification.

REFERENCES:

We inform you that the product described above is compatible with the following norms, standards and regulations:

EU STANDARDS:

| Number | Title |
|------------------------------|--|
| PN-EN IEC 60793-1-40:2019-07 | Optical fibres – Part 1-40: Attenuation measurement methods |
| PN-EN 60793-2-10:2019-12 | Optical fibres – Part 2-10: Product specifications – Sectional specification for category A1 multimode fibres |
| PN-EN IEC 60793-2-50:2019-05 | Optical fibres -Part 2-50: Product specifications - Sectional specification for class B single-mode fibres |
| PN-EN 60794-1-1:2016 | Optical fibre cables -Part 1-1: Generic specification – General |
| PN-EN 60794-5:2017-03 | Optical fibre cables – Part 5: Sectional specification - Microduct cabling for installation by blowing |
| PN-EN 60794-5-10:2014-09 | Optical fibre cables – Part 5-10: Family specification – Outdoor microduct optical fibre cables, microducts and protected microducts for installation by blowing |

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| PN-EN 60794-5-20:2014-10 | Optical fibre cables – Part 5-20: Family specification – Outdoor microduct fibre units, microducts and protected microducts for installation by blowing |
| ZN-OPL-005-1/14 | Optotelecommunication cable lines - Optic fibers- Requirements and test methods |
| ZN-OPL-005-2/17 | Optotelecommunication cable lines – Fiber optic cables - Requirements and test methods |

ADDITIONAL INFORMATION:

FIBRAIN company, as the supplier, the integrator and the manufacturer of the individual fiber optic systems used in the telecommunications, declares that the products included in the present Certificate, are compatible with the references stated above and do not contain any harmful substances in the limits which exceed European standards, consequently they are compatible with the (RoHS 2) Directive 2011/65/EU.

Marcjanna Chrostowska

Quality Manager

Date and place of issue: 28.12.2020, Jasionka