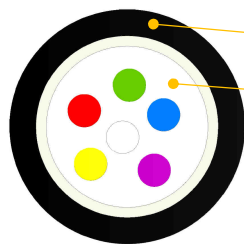


| | | |
|---------------|-----------------|--------|
| Type: | Metrojet MK-AX2 | REV: 0 |
| Construction: | 06/08/2014 | SK |
| Modified: | | |

MK-AX2 Last Mile Connection Cable (up to 12F)



Multilayer acryl outer sheath

Colored optical fibers 250um with gel

*Schematic drawing, not in scale

APPLICATION:

Microduct cabling system application
 FTTH & Distribution networks
 Flexible network design
 Last mile connection
 For blowing & pulling installation method

STRUCTURE AND COMPOSITION:

Multilayer acryl thin sheath with rough outer layer
 1-12 pcs 250um colored fibers
 Microbending resistant fiber G657A1 as standard

CABLE CONFIGURATION:

| Version | Qty Fibers | Ø nominal (+-5%) | Nominal weight (+-10%) | Suggested Duct size [mm] |
|----------|------------|------------------|------------------------|--------------------------|
| 1T x 2F | 2 | 1.1 [mm] | 1,2 [kg/km] | 4/3, 5/3.5, 5/3,8 |
| 1T x 4F | 4 | 1.1 [mm] | 1,4 [kg/km] | |
| 1T x 6F | 6 | 1.5 [mm] | 1,6 [kg/km] | |
| 1T x 8F | 8 | 1.5 [mm] | 1,8 [kg/km] | |
| 1T x 10F | 10 | 1.6 [mm] | 2,0 [kg/km] | |
| 1T x 12F | 12 | 1.6 [mm] | 2,2 [kg/km] | |

MAIN MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS (according to IEC 60794-5 and EN 187000)

| Test | Test Standard | Specified Value | Requirement* |
|---------------------------|-------------------|---------------------------------|--|
| Max. Installation Tension | IEC 60794-1-2-E1 | 15 N | $\Delta\alpha$ reversible, fiber strain $\leq 0.5\%$ |
| Crush | IEC 60794-1-2-E3 | 100 N / 100 mm, max. 15 min | $\Delta\alpha \leq 0.05$ dB, no damage |
| Cable Bend | IEC 60794-1-2-E11 | R=40x D, 4 turns, 3 cycles | $\Delta\alpha \leq 0.05$ dB, no damage |
| Water Penetration | IEC 60794-1-2-F5B | sample=3m, water column=1m, 24h | no water leakage |
| Temperature: Installation | IEC 60794-1-2-F1 | -5... +40 [°C] | no attenuation increase |
| Operation | | -10... +60 [°C] | no attenuation increase |
| Transport & Storage | | -20... +70 [°C] | no attenuation increase |

OPTICAL FIBER AND LOOSE TUBES COLOR IDENTIFICATION

The colors of identifications see on [DSH_Colors_CODE_XXXX](#)

FIBER PARAMETERS

The value of characteristic fibers parameters see on [DSH_OFF](#)

MARKING

The following printing (inkJet printer) is applied at 1-meter intervals.

- Supplier: FIBRAIN
- Standard Code (Product Type, Fiber Count, Fiber Type,), other sales name, jacket type
- Year of manufacture: xxxx
- Length marking in meters
- Cable ID/ Drum No

Example: METROJET MK-AX2 4F SM G657A1 1T4F "YEAR OF MANUFACTURE" "LASER SYMBOL" "LENGTH MARKING" "BATCH NUMBER"

DRUMS

The cables will be shipped on metal or treated wooden drums, with protective battens around the circumference. The inner and outer ends of the cable will be capped and made accessible for testing. A direction of rotation arrow is marked on the drum together with the identification information.

PACKING

Delivery Length: 1000, 2000, 4000, 8000* meters $\pm 5\%$, with an allowance of supplying a maximum of 5% of the total contract quantity as short length cable which should be above 1000 meters length. Tolerance of 5 % of on Order Quantity shall be allowed.

Buyer and/or user of this product has to make sure before using this product that it is suitable for the intended use. All questions of liability relating to this product are subject – in accordance with the prevailing – to the Term of Sale of the selling Fibrain subsidiary.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Fiber Optic Cables](#) category:

Click to view products by [FIBRAIN](#) manufacturer:

Other Similar products are found below :

[FPD01SBS200](#) [FPD06SCC200](#) [FPT01SBS200](#) [FQZ-12-10](#) [FXL12D5-5F40](#) [FXO12D5-5F10Y](#) [FXO12D5-5F19Y](#) [B96566](#) [FPDK01SCC100](#)
[HFBR-RSD005Z](#) [FX2ELQ1Q1SNM4.5](#) [FX2ELQ1Q1SNM5.5](#) [FX2ELQ1Q1SNM6.5](#) [FX2ELQ1Q1SNM7.5](#) [FX2ELQ1Q1SNM8.5](#)
[FX2ELQ1Q1SNM9.5](#) [FX8RL7NQSVM1.5](#) [FX8RL8NQSVM1.5](#) [FX8RL7NQSVM2.5](#) [FX8RL8NQSVM2.5](#) [FX8RL7NQSVM3.5](#)
[FX8RL8NQSVM3.5](#) [FX8RL7NQSVM4.5](#) [FX8RL8NQSVM4.5](#) [F98RL5NQSQNM1.5](#) [F98RL6NQSQNM1.5](#) [F98RL5NQSQNM2.5](#)
[F98RL6NQSQNM2.5](#) [F98RL5NQSQNM3.5](#) [F98RL6NQSQNM3.5](#) [F98RL5NQSQNM4.5](#) [F98RL6NQSQNM4.5](#) [FZ8RL7NQSVM1.5](#)
[FZ8RL8NQSVM1.5](#) [FZ8RL7NQSVM2.5](#) [FZ8RL8NQSVM2.5](#) [FZ8RL7NQSVM3.5](#) [FZ8RL8NQSVM3.5](#) [FZ8RL7NQSVM4.5](#)
[FZ8RL8NQSVM4.5](#) [F9TRL5NQSSNM1.5](#) [F9TRL5NQSSNM2.5](#) [F9TRL5NQSSNM3.5](#) [F9TRL5NQSSNM4.5](#) [F9TRL6NQSSNM1.5](#)
[F9TRL6NQSSNM2.5](#) [F9TRL6NQSSNM3.5](#) [F9TRL6NQSSNM4.5](#) [FXTRL8NQSONM1.5](#) [FZTRL8NQSONM1.5](#)