



UC^{FUTURE} FO I LBP DI N LSHF-FR 12

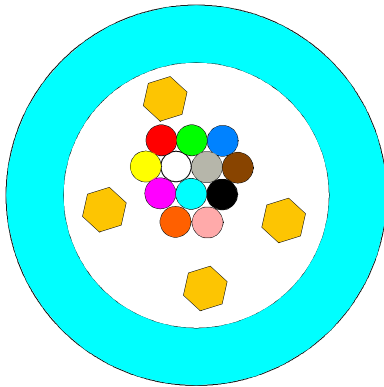
ø3.0 mm patch cord cable for data centres with 12 fibres

DIN/VDE

NO

FR

DK



Application

The intended application for this cable is as patch cords for data centres.
Fits multi fibre connectors such as the MPO[®] and MTP[®] connectors according to IEC 61754-7-1

Standards

EN 50173-5	IEC 60794-2-20
ISO/IEC 24764	

Construction

Fibre	12 primary coated fibres nominally 242 µm	
Fibre colours	According to TIA/EIA 598-C also in agreement with IEC 60304: Blue, orange, green, brown, grey, white, red, black, yellow, violet, pink and aqua	
Strength member	Ultra high modulus Aramid yarns	
Sheath	Halogen free, flame resistant thermoplastic sheathing compound acc. to EN 50290-2-27, UV stabilised, 0.4 mm	
Sheath colours	Cable with BendBright ^{XS} SM fibres G.657.A2	Yellow, RAL 1021
	Cable with MaxCap-BB-OM2	Orange, RAL 2003
	Cable with MaxCap-BB-OM3 and MacCap-BB-OM4 fibres	Aqua, RAL 6027

Fire rating

IEC 60332-1-2	Pass
IEC 60332-2-2	Pass
IEC 60754-1	No halogens
IEC 60754-2	No acid matters
IEC 61034-2	No dense smoke

Note: This version 2 ff of the M02 cable features a diameter of 3.0 mm (version 1 was 3.3 mm)

Note: The Draka policy of continuous improvement may cause in changed specifications without prior notice

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Heat of combustion

200 MJ/km	0.5 kWh/m
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Physical properties

IEC 60794-1-2

Property	Test method	Value
Nominal dimensions	-	ø3.0 mm +0.1 mm -0.3 mm
Nominal weight	-	9 kg/km
Tensile strength (dynamic)	E1	220 N
Tensile strength (permanent)	E1	110 N
Compressive strength (crush)	E3	500N
Impact	E4	4 Nm, R= 12.5 mm
Torsion	E07	Pass
Kink	E10	No Kink
Min. Bending radius	E11	R = 15 mm
Temperature range	F1	Operation and installation: -0°C to 50°C. Storage: -20°C to 50°C

Option

As an option this cable is available with 2, 4, 8 and 10 fibers

Product codes – ordering information

Item No.	Fibre count	Product code	Fibre type	Fibre data sheet
1025633	12	UC ^{FUTURE} FO LBP DI N LSHF-FR 12 OM3B	MaxCap-BB-OM3 multi mode	C31
1025643	12	UC ^{FUTURE} FO LBP DI N LSHF-FR 12 OM4B	MaxCap-BB-OM4 multi mode	C32
1025636	12	UC ^{FUTURE} FO LBP DI N LSHF-FR 12 SM7B	BendBright ^{XS} G.657.A2	C24

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