

M15: UC^{FUTURE} Patch Cord Style 2.0 mm Data Centre Dca Cable

Ø2.0 mm MPO patch cord cable with 12 fibres for data centers



Application and Installation

The intended application for this cable is as patch cords for data centres.

Fits to multi fibre connectors such as MPO® and MTP® connectors according to IEC 61754-7-1

Standards

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

Flame Resistance

LSHF-FR (FRNC): IEC 60332-1-2; IEC 60332-3-24; IEC 60754-1; IEC 60754-2; IEC 61034; EN 50399 Class Dca-s2-d2-a1; Class Eca

Options

As an option this cable is available with 8 fibres.

Construction

Fibre	12 primary coated fibres, nominally 250 µm	
Fibre colours	1 Blue	7 Red
According to TIA/EIA 598-C also in agreement with IEC 60304	2 Orange	8 Black
	3 Green	9 Yellow
	4 Brown	10 Violet
	5 Grey	11 Pink
	6 White	12 Aqua
	Strength member	Ultra-high modulus Aramid yarns
Sheath	FireRes® halogen free, flame resistant thermoplastic sheathing compound acc. to EN 50290-2-27, UV stabilised, 0.25 mm	
Sheath colours	Cable with BendBright ^{XS} SM fibres G.657.A2	Yellow, RAL 1018
	Cable with MaxCap-BB-OM3	Aqua, RAL 6027
	Cable with MaxCap-BB-OM4	Erika violet RAL 4003
	Cable with BendBright WideCap-OM5	Lime Green
Sheath Printing	DRAKA UCFUTURE FO I LBP M15 LSHF-FR Dca-s2-d2-a1 <Fibre count> <Fibre type><Fibre brand><Item No><Factory No><Batch Number><Meter mark>	

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Physical Properties

Property	IEC 60794-1-21/22 Method	Value
Fibre count	-	12
Nominal dimensions	-	2.0 mm ± 0.1 mm
Nominal weight [kg/km]	-	3.4
Tensile strength (dynamic)	E1	220 N
Tensile strength (permanent)	E1	110 N
Compressive strength (crush) (N/100mm)	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

Product codes – ordering information

Product Code	Product Description	Fibre Count	Fibre Type	Fibre Data Sheet
UC ^{FUTURE}	FO I LBP LSHF-FR 2.0 12 OM3B AQ	12	MaxCap-BB-OM3	C31
UC ^{FUTURE}	FO I LBP LSHF-FR 2.0 8 OM4B 4003	8	MaxCap-BB-OM4	C32
UC ^{FUTURE}	FO I LBP LSHF-FR 2.0 12 OM4B 4003	12	MaxCap-BB-OM4	C32
UC ^{FUTURE}	FO I LBP LSHF-FR 2.0 8 OM5B LG	8	WideCap-OM5	C39
UC ^{FUTURE}	FO I LBP LSHF-FR 2.0 12 OM5B LG	12	WideCap-OM5	C39
UC ^{FUTURE}	FO I LBP LSHF-FR 2.0 12 SM7B YL	12	BendBright ^{XS} G.657.A2	C24
UC ^{FUTURE}	FO I LBP LSHF-FR 2.0 12 SM7B.P YL	12	BendBright ^{XS} G.657.A2, tight geometry	C25
UC ^{FUTURE}	FO I LBP DI LSHF-FR 2.0 12 SM7A1.P YL	12	BendBright ^{XS} G.657.A1, tight geometry	C38

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