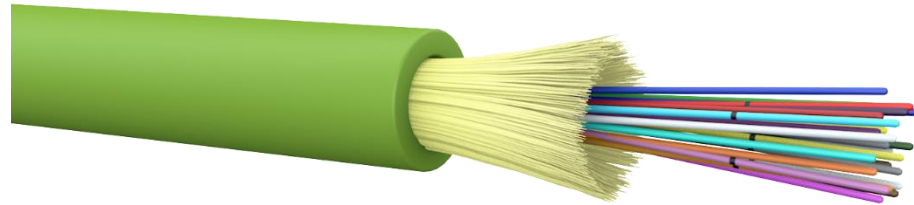
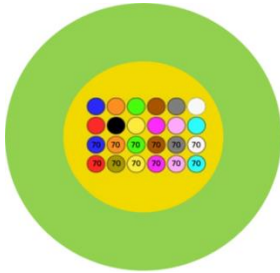


M13: UC^{FUTURE} Patch Cord Style 3.6 mm Data Centre Cca Cable

ø3.6 mm, Class-C_{ca} MPO patch cord cable with 24 fibres for data centres



Application

The intended application for this cable is MPO patch cords for data centres.
Fits 24 fibre MPO® and MTP® connectors according to IEC 61754-7-2.

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-C_{ca}-s1a-d1-a1; Class D_{ca}; Class E_{ca}

Options

As an option this cable is available with 16 fibres.

Construction

Fibre	24 primary coated fibres nominally 250 µm	
Fibre colour code	1 Blue	13 Blue w/mark every 70mm
According to TIA/EIA 598-C also in agreement with IEC 60304	2 Orange	14 Orange w/mark every 70mm
	3 Green	15 Green w/mark every 70mm
	4 Brown	16 Brown w/mark every 70mm
	5 Grey	17 Grey w/mark every 70mm
	6 White	18 White w/mark every 70mm
	7 Red	19 Red w/mark every 70mm
	8 Black	20 White w/mark every 35mm
	9 Yellow	21 Yellow w/mark every 70mm
	10 Violet	22 Violet w/mark every 70mm
	11 Pink	23 Pink w/mark every 70mm
	12 Aqua	24 Aqua w/mark every 70mm
	Strength member	Ultra high modulus Aramid yarns
Sheath	FireRes® halogen free, flame resistant thermoplastic sheathing compound acc. to EN 50290-2-27, UV stabilised	
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

M13: UC^{FUTURE} Patch Cord Style 3.6 mm Data Centre Cca Cable

Sheath Printing	DRAKA UCFUTURE FO I LBP M13 LSHF-FR Cca-s1a-d1-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	-	16, 24
Nominal dimensions	-	3.5 mm +0 mm -0.2 mm
Nominal weight	-	11 kg/km
Tensile strength (dynamic)	E1	450 N (fibre strain ≤ 0.6%)
Tensile strength (permanent)	E1	225 N (fibre strain ≤ 0.2%)
Compressive strength (crush) (N/100mm)	E3	500N
Impact	E4	5 Nm, R= 12.5 mm
Torsion	E07	Pass
Kink	E10	No Kink
Min. Bending radius permanent	E11	36 mm
Min. Bending radius installation		72 mm
Temperature range	F12	Operation and installation: 0°C to 50°C Storage: -20°C to 60°C

Product Codes

Product Code	DoP Number*	Product Description	Fibre Count	Fibre Type	Fibre Data Sheet
60071858	1007746	UC ^{FUTURE} FO I LBP LSHF-FR C 24 OM3B AQ	24	MaxCap-BB-OM3	C31
		UC ^{FUTURE} FO I LBP LSHF-FR C 24 OM4B 4003	24	MaxCap-BB-OM4	C32
		UC ^{FUTURE} FO I LBP LSHF-FR C 24 OM5B LG	24	WideCap-OM5	C39
60066490	1007632	UC ^{FUTURE} FO I LBP LSHF-FR C 24 SM2D YL	24	OS2 G.652.D	C03
60071866	1007745	UC ^{FUTURE} FO I LBP LSHF-FR C 24 SM7B YL	24	BendBright ^{XS} G.657.A2	C24
		UC ^{FUTURE} FO I LBP LSHF-FR C 24 SM7B.P YL	24	BendBright ^{XS} G.657.A2, tight geometry	C25
		UC ^{FUTURE} FO I LBP LSHF-FR C 24 SM7A1.P YL	24	BendBright ^{XS} G.657.A1, tight geometry	C38

*DoP Numbers are per product code and any DoP number proves CPR approval for the cable. DoP files can be downloaded from the website: www.prysmiangroup.com/cpr

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