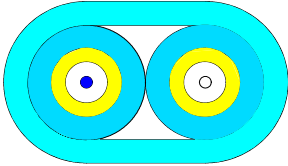


D10f: UC^{FIBRE}™ Flat cable with ø2 mm units

Assembly cable with 2 ES9 buffered fibres, aramid yarn, FireRes® sheath in flat = figure-0 design, VDE: J-V(ZN)HH 2



Application and Installation

Interconnect cabling

This cable features Draka's ES9 easy strippable tight buffer

Patch cord cable, very well suited for mounting small form factor connectors

Internal wiring

Standards

EN 187 000, IEC 60794-2, IEC 60794-2-10, ISO 11801-1, EN 50 173-1

Flame resistance

LSHF-FR (FRNC): IEC 60332-1-2; IEC 60332-3-24; IEC 60754-2; IEC 61034; EN 50399 Class D_{ca}s2d2a1, Class E_{ca}

Construction

Fibre	2 ES9 easily strippable tightly buffered fibres 900 µm ± 50 µm	
Fibre colours	Fibre 1	White or Natural
	Fibre 2	Blue
Strength member	Ultra high modulus aramid yarns	
Unit	Zipcord 2 x ø2.0 mm	
Unit sheath	Halogen free, flame resistant thermoplastic sheathing compound acc. to EN 50290-2-27, UV stabilised	
Sheath	Halogen free, flame resistant thermoplastic sheathing compound acc. to EN 50290-2-27, UV stabilised	
Unit and 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 marking	Draka UC ^{FIBRE} I FL LSHF-FR Dca-s2-d2-a1 ES9 2.0 2 <Fibre type><Fibre brand><Item No><factory code><Batch Number><Meter mark> J-V(ZN)HH 2 <Fibre family> <Mode field diameter> /125 <Transmission Class>	

D10f: UC^{FIBRE}™ Flat cable with ø2 mm units

Physical properties

IEC 60794-1-21/22

Attribute	Method	Limits
Nominal dimensions	-	3 mm x 5 mm
Nominal weight	-	18 kg/km
Tensile strength (dynamic)	E1	240 N
Tensile strength (permanent)	E1	120 N
Compressive strength (crush)	E3	4000 N (max variation 0.05 dB)
Impact	E4	2 Nm; R = 12.5 mm
Torsion	E7	5 cycles ± 1 turn
Min. Bending radius	E11	R = 25 mm
For version with BendBright ^{XS} fibre: Min. Bending radius	E11	R = 7.5 mm R = 15 mm, 6 turns around a mandrel ø 30 mm (maximum attenuation increase ≤ 0.02 dB at 1550 nm). Maximum attenuation increase for R = 10 mm 0.1 dB/turn at 1550 nm. Maximum attenuation increase for R = 7.5 mm 0.5 dB/turn at 1550 nm.
Temperature range	F1	Operation and installation: -40°C to 70°C. Storage: -40°C to 70°C
Heat of combustion	-	315 MJ/km 0.1 kWh/m

Product codes – ordering information

Product code	DoP Number*	Product description	Fibre count	Fibre type	Fibre data sheet
60011963	1007117	UC ^{FIBRE} ™ I FL LSHF-FR ES9 2.0 2 OM2B	2	MaxCap-BB-OM2	C34
60019445	1006667	UC ^{FIBRE} ™ I FL LSHF-FR ES9 2.0 2 OM3B	2	MaxCap-BB-OM3	C31
60019468		UC ^{FIBRE} ™ I FL LSHF-FR ES9 2.0 2 OM4B	2	MaxCap-BB-OM4	C32
		UC ^{FIBRE} ™ I FL LSHF-FR ES9 2.0 2 OM5B	2	WideCap-OM5	C39
60011358		UC ^{FIBRE} ™ I FL LSHF-FR ES9 2.0 2 MM61	2	OM1 62.5/125	C02
60019328	1007221	UC ^{FIBRE} ™ I FL LSHF-FR ES9 2.0 2 SM2D.P	2	OS2 – G.652.D – tight geometry	C18
		UC ^{FIBRE} ™ I FL LSHF-FR ES9 2.0 2 SM7A1.P	2	OS2 – G.657.A1 – tight geometry	C38
60019446	1007230	UC ^{FIBRE} ™ I FL LSHF-FR ES9 2.0 2 SM7B	2	OS2 - BendBright ^{XS} G.657. A2	C24

*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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