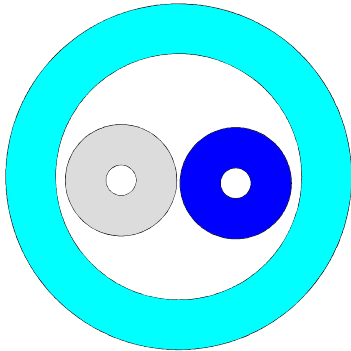


D07a: UC^{FIBRE™} Uniboot ø2.8 mm Duplex Cable

Uniboot, round assembly cable with 2 ES9 buffered fibres, aramid yarn, FireRes® sheath. VDE: J-V(ZN)H 2



Application and installation

LAN horizontal cabling
 This cable features Draka's ES9 easy strippable tight buffer
 Patch cord cable, very well suited for mounting of MT-RJ connectors
 Short distance data-, control- and video transmission
 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 Dca-s2-d2-a1, Class Eca

Construction

Fibre	2 ES9 easily strippable tightly buffered white fibres 900 µm ± 50 µm	
Buffer colours	Fibre 1	White
	Fibre 2	Blue
Strength member	Ultra high modulus aramid yarns	
Sheath	Halogen free, flame resistant thermoplastic sheathing compound acc. to EN 50290-2-27, UV stabilised	
Sheath colours	Cable with SM fibres	Yellow, RAL 1018
	Cable with MaxCap-BB-OM2	Orange, RAL 2009
	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 T LSHF-FR Dca-s2-d2-a1 ES9 2.8 2 <Fibre type> <Fibre brand> <Item No> <factory code> <Batch Number> <Meter mark> J-V(ZN)H 2 <Fibre family> <Mode field diameter> /125 <Transmission Class>	

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Physical properties

IEC 60794-1-21/22

Attribute	Method	Limits
Nominal dimensions	-	2.8 mm ± 0.15 mm
Nominal weight	-	8 kg/km
Tensile strength (dynamic)	E1	450 N
Tensile strength (permanent)	E1	225 N
Compressive strength (crush)	E3	1000 N
Impact	E4	2 Nm; R = 12.5 mm
Torsion	E7	5 cycles ± 1 turn
Min. Bending radius	E11	R = 25 mm
<i>For version with BendBright^{XS} fibre:</i> 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

Product Codes

Product code	DoP Number*	Product description	Fibre count	Fibre type	Fibre data sheet
60059257		UC ^{FIBRE™} I T LSHF-FR ES9 2.8 2 OM3B	2	MaxCap-BB-OM3	C31
		UC ^{FIBRE™} I T LSHF-FR ES9 2.8 2 OM4B	2	MaxCap-BB-OM4	C32
		UC ^{FIBRE™} I T LSHF-FR ES9 2.8 2 OM5B	2	WideCap-OM5	C39
		UC ^{FIBRE™} I T LSHF-FR ES9 2.8 2 SM2D.P	2	OS2 G.652.D – tight geometry	C18e
60019648	1007158	UC ^{FIBRE™} I T LSHF-FR ES9 2.8 2 SM7B	2	OS2 BendBright ^{XS} G.657. A2	C24
		UC ^{FIBRE™} I T LSHF-FR ES9 2.8 2 SM7B.P	2	OS2 BendBright ^{XS} G.657. A2 – tight geometry	C25

*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/

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