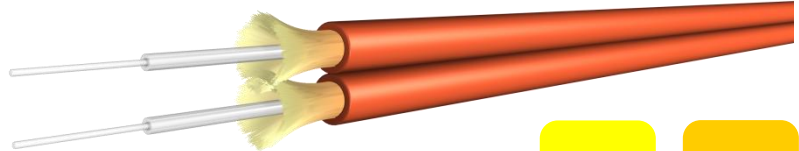
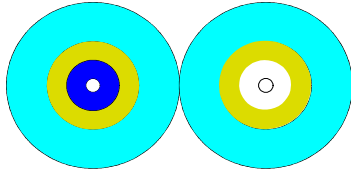


D01c: UC^{FIBRE}™ Duplex cord 2×2.8 mm

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


Dca
CPR

Eca
CPR

Application and installation

Interconnect cabling
LAN horizontal cabling
Patch cord cable, very well suited for mounting of SC 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 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	
Sheath	Halogen free, flame resistant thermoplastic sheathing compound acc. to EN 50290-2-27, UV stabilised	
Sheath colours	Cable with Singlemode fibres	Yellow, RAL 1018
	Cable with MaxCap-BB-OM3 fibers	Aqua, RAL 6027
	Cable with MaxCap-BB-OM4 fibres	Erika-Violet, RAL 4003
	Cable with WideCap-OM5 fibres	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> G <fibre count> <Mode field diameter>/125 AXAI-I/P-28	

D01c: UC^{FIBRE}™ Duplex cord 2×2.8 mm

Physical properties

IEC 60794-1-21/22

Attribute	Method	Limits
Nominal dimensions	-	2.8 mm x 5.7 mm
Nominal weight	-	15 kg/km
Tensile strength (dynamic)	E1	600 N
Tensile strength (permanent)	E1	300 N
Compressive strength (crush)	E3	6000 N
Impact	E4	5 Nm; R = 12.5 mm
Torsion	E7	5 cycles ± 1 turn
Min. Bending radius	E11	R = 20 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	-	240 MJ/km 0.07 kWh/m

Product codes – ordering information

Product code	DoP Number*	Product description	Fibre count	Fibre type	Fibre data sheet
60019396	1007223	UC ^{FIBRE} ™ I T LSHF-FR ES9 2.8 2 MM61	2	OM1 62.5/125	C02
60019439	1007224	UC ^{FIBRE} ™ I T LSHF-FR ES9 2.8 2 OM2B	2	MaxCap-BB-OM2	C34
60019440	1007225	UC ^{FIBRE} ™ I T LSHF-FR ES9 2.8 2 OM3B	2	MaxCap-BB-OM3	C31
60019625	1007156	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
60019271	1008121	UC ^{FIBRE} ™ I T LSHF-FR ES9 2.8 2 SM2D.P	2	OS2 - G.652.D – tight geometry	C18
		UC ^{FIBRE} ™ I T LSHF-FR ES9 2.8 2 SM7A1.P	2	OS2 – BendBright G.657.A1 – tight geometry	C38
60019441	1007226	UC ^{FIBRE} ™ I T LSHF-FR ES9 2.8 2 SM7B	2	OS2 - BendBright ^{XS} G.657. A2	C24
60050212	1007483	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/cpr

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