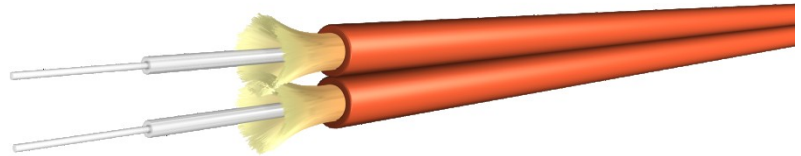
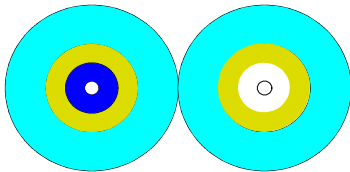


D27: UC^{FIBRE™} semi tight zip cord 1.8 mm

Assembly cable with 2 LS9 buffered fibres, aramid yarn, FireRes[®] sheath. VDE: J-V(ZN) H 2



Application and installation

Fits small form factor connectors e.g. MTRJ connector
This cable features the Draka LS9 dry semi tight buffer
Patch cord cable
Internal wiring

Standards

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

Flame resistance

LSHF-FR (FRNC): IEC 60332-1; IEC 60332-3-24; IEC 60754-2; IEC 61034

Construction

Fibre	2 LS9 easily strippable tightly buffered fibres 900 µm ± 50 µm	
Fibre colours	Fibre 1 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 SM fibres	Yellow, RAL 1021
	Cable with MaxCap-BB-OM2 fibers	Orange, RAL 2003
	Cable with M6 fibres	Grey, RAL 7037
	Cable with MaxCap-BB-OM3 and MaxCap-BB-OM4 fibres	Aqua, RAL 6027
Sheath marking	Draka UC ^{FIBRE} I T N LSHF-FR LS9 1.8 2<Fibre type><Fibre brand><Item No>05<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-18	

D27: UC^{FIBRE™} semi tight zip cord 1.8 mm

Physical properties

IEC 60794-1-2

Attribute	Method	Limits
Nominal dimensions	-	1.8 mm x 3.7 mm
Nominal weight	-	6.0 kg/km
Tensile strength (dynamic)	E1	200 N
Tensile strength (permanent)	E1	100 N
Compressive strength (crush)	E3	600 N (max variation 0.05 dB) 1000 N (max variation 0.5 dB)
Impact	E4	2 Nm
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	-	136 MJ/km 0.04 kWh/m

Product codes – ordering information

Prysmian Group material code	Prysmian Group material description	Draka material code	Fibre count	Fibre type	Fibre data sheet
	UC ^{FIBRE™} I T N LSHF-FR LS9 1.8 2 OM2B	1030086	2	OM2 MaxCap-BB-OM2	C34
60019190	UC ^{FIBRE™} I T N LSHF-FR LS9 1.8 2 OM3B	1020389	2	OM3 MaxCap-BB-OM3	C31
60020269	UC ^{FIBRE™} I T N LSHF-FR LS9 1.8 2 OM4B	1027449	2	OM4 MaxCap-BB-OM4	C32
60019188	UC ^{FIBRE™} I T N LSHF-FR LS9 1.8 2 MM61		2	OM1 62.5/125 multi mode	C02
60019186	UC ^{FIBRE™} I T N LSHF-FR LS9 1.8 2 SM2D.P	1020385	2	OS2 Single mode	C18e
60019187	UC ^{FIBRE™} I T N LSHF-FR LS9 1.8 2 SM7B	1020386	2	BendBright ^{XS} G.657. A2	C24

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