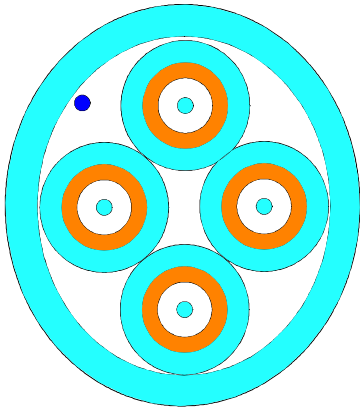


D24: UC^{FIBRE™} 4 fibre break-out cable

**Indoor flexible break out cable with 2 ES9 tightly buffered fibres, aramid yarn, FireRes® sheath.
VDE: J-V(ZN)HH 4**



Application and installation

Interconnect cabling
LAN horizontal cabling
Patch cord cable
Short distance data-, control- and video transmission
Internal wiring in data centres

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 60332-1-2; IEC 60332-3-24, IEC 60754-2; IEC 61034

Construction

ø2.1 mm unit	ES9 tightly buffered fiber 900 µm ± 50 µm Aramid yarn strength member LSZH sheath, in the same colour as the outer sheath, marked with unit number	
4 units	Stranded together	
Ripcord	Polyester	
Sheath colours	Cable with SM fibres	Yellow, RAL 1021
	Cable with MaxCap-BB-OM2 fibres	Orange, RAL 2003
	Cable with M6 fibres	Grey, RAL 7037
	Cable with MaxCap-BB-OM3 and MaxCap-BB-OM4 fibres	Aqua, RAL 6027
Sheath	Halogen free, flame resistant thermoplastic sheathing compound acc. to EN 50290-2-27, UV stabilised	
Sheath marking	Draka UC ^{FIBRE} I B N LSHF-FR ES9 2.1 4 <Fibre type><Fibre brand><Item No>05<Batch Number><Meter mark> J-V(ZN)HH 4 <Fibre family> <Mode field diameter> /125 <Transmission Class>	

D24: UC^{FIBRE™} 4 fibre break-out cable

Physical properties

IEC 60974-1-2

Attribute	Method	Limits
Fibre count		4
Nominal diameter [mm]	-	6.5 (the cable is not completely round)
Nominal weight [kg/km]	-	30
Maximum installation load (a few hours) [N]	-	-
Short term tensile strength (some days) [N]	E1	850
Permanent tensile strength [N]	E1	425
Impact [J]	E4	10, R= 12.5 mm
Crush (compressive strength)	E3	3000 N/ 100 mm
Torsion	E7	5 cycles ± 1 turn
Minimum bending radius	E11	20 mm
Minimum bending radius under tension	E18A	-
Temperature range	F1	Operation and installation -20 °C to 60 °C Storage -20 °C to 70 °C
Minimum bending radius of the 2.1 mm units	G01	With standard fibres 20 mm With MaxCap-BB-OMx fibres 7.5 mm With BendBright-XS fibers: 7.5 mm
Heat of combustion [MJ/km] – [kW/m]		510 0.14

Product codes – ordering information

Prysmian group material code	Prysmian Group material description	Draka Material Code	Fibre count	Fibre type	Fibre data sheet
50019470	UC ^{FIBRE} I B N LSHF-FR ES9 2.1 4 OM2B	1022169	4	OM2 MaxCap-BB-OM2	C34
50019582	UC ^{FIBRE} I B N LSHF-FR ES9 2.1 4 OM3B	1022711	4	OM3 MaxCap-BB-OM3	C31
50028719	UC ^{FIBRE} I B N LSHF-FR ES9 2.1 4 OM4B		4	OM4 MaxCap-BB-OM4	C32
50019454	UC ^{FIBRE} I B N LSHF-FR ES9 2.1 4 MM62	1021987	4	OM1 62.5/125 multi mode	C02
50019450	UC ^{FIBRE} I B N LSHF-FR ES9 2.1 4 SM2D	1021978	4	OS2 single mode	C03
50019451	UC ^{FIBRE} I B N LSHF-FR ES9 2.1 4 SM7B	1021979	4	BendBright XS G.657.A2	C24
50030934	UC ^{FIBRE} I B N LSHF-FR ES9 2.1 4 SM7B.p			BendBright XS G.657.A2 C25	C25

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