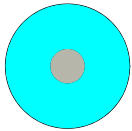


## D26: UC<sup>FIBRE™</sup> 900 µm LS9 fibre cord

LS9 fibre cord, 1 dry semi tightly buffered fibre ø900 µm. VDE: J-V



### Application and installation

The intended use of this LS9 semi-tightly buffed fibre is pigtails. The LS9 buffered fibre may also be manufactured to patch-cords, and be used as an element in cables.

The cords are available in 12 colours according to IEC 60304 and TIA -598-C.

### Flame resistance

LSHF (FRNC): IEC 60754-1; IEC 60754-2; IEC 61034

### Construction

Fibre	Uncoloured nominally 250 µm fibre
Buffer	LS9 buffer to ø900 µm

### Physical properties

Attribute	IEC 60794-1-2 Method	Limits
Diameter		ø900 µm ± 50 µm
Weight		0.7 kg/km
Material		LSHF / LSZH material with high amount of flame retardants
Heat of combustion		17 MJ/km; 0.005 kWh/m
Stripping		300 mm for versions with multi mode fibres 1000 mm for versions with single mode fibres
Shrink back		< 1%, IEC 60811-1-3, ( 70°C, 3 hours, 1 meter sample)
Crush resistance	E3	100N/100 mm
Repeated bending	E6	500 cycles, R= 20 mm , no damage
Kink	E10	No kink
Minimum bending radius, other fibres	E11 / G01	R = 7.5 mm
Temperature range	F1	Operation and installation -5 °C to 60 °C Storage -40 °C to 60 °C

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### Optical properties of the buffered fibre

	OM1	MaxCap-BB-OM2	MaxCap-BB-OM3	MaxCap-BB-OM4	ESMF	Bendbright <sup>XS</sup>
Attenuation 850 nm	≤3.2 dB/km	≤2.7 dB/km	≤3.0 dB/km	≤3.0 dB/km		
Attenuation 1300 nm	≤1.0 dB/km	≤0.8 dB/km	≤1.0 dB/km	≤1.0 dB/km		
Attenuation 1310 nm					≤0.39 dB/km	≤0.38 dB/km
Attenuation 1550 nm					≤0.25 dB/km	≤0.23 dB/km
Bandwidth OFL 850 nm	200 MHz·km	500 MHz·km	1500 MHz·km	3500 MHz·km		
Bandwidth EMB 850 nm			2000 MHz·km	4700 MHz·km		
Bandwidth OFL 1300 nm	600 MHz·km	500 MHz·km	500 MHz·km	500 MHz·km		
For more data see cabled fibre data sheet	C02	C34	C31	C32	C18e	C24

### Product codes – ordering information

Prysmian group material code	Prysmian Group material description	Draka Material code	Fibre count	Fibre type	Fibre data sheet
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM2B Blue	1020455	1	MaxCap-BB-OM2 50/125	C34
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM2B Orange	1020462	1	MaxCap-BB-OM2 50/125	C34
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM2B Green		1	MaxCap-BB-OM2 50/125	C34
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM2B Brown	1020458	1	MaxCap-BB-OM2 50/125	C34
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM2B Grey	1020457	1	MaxCap-BB-OM2 50/125	C34
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM2B White		1	MaxCap-BB-OM2 50/125	C34
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM2B Red		1	MaxCap-BB-OM2 50/125	C34
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM2B Black	1020461	1	MaxCap-BB-OM2 50/125	C34
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM2B Yellow	1020456	1	MaxCap-BB-OM2 50/125	C34
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM2B Violet	1020459	1	MaxCap-BB-OM2 50/125	C34
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM2B Pink	1020463	1	MaxCap-BB-OM2 50/125	C34
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM2B Aqua	1020460	1	MaxCap-BB-OM2 50/125	C34
60019262	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM3B Blue	1020465	1	MaxCap-BB-OM3	C31
60019269	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM3B Orange	1020472	1	MaxCap-BB-OM3	C31
60019261	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM3B Green	1020464	1	MaxCap-BB-OM3	C31
60019265	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM3B Brown	1020468	1	MaxCap-BB-OM3	C31
60019264	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM3B Grey	1020467	1	MaxCap-BB-OM3	C31
60019934	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM3B White	1026199	1	MaxCap-BB-OM3	C31
60019935	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM3B Red	1026200	1	MaxCap-BB-OM3	C31
60019268	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM3B Black	1020471	1	MaxCap-BB-OM3	C31
60019263	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM3B Yellow	1020466	1	MaxCap-BB-OM3	C31
60019266	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM3B Violet	1020469	1	MaxCap-BB-OM3	C31
60019270	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM3B Pink	1020473	1	MaxCap-BB-OM3	C31
60019267	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM3B Aqua	1020470	1	MaxCap-BB-OM3	C31
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM4B Blue		1	MaxCap-BB-OM4	C32
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM4B Orange		1	MaxCap-BB-OM4	C32
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM4B Green		1	MaxCap-BB-OM4	C32
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM4B Brown		1	MaxCap-BB-OM4	C32
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM4B Grey		1	MaxCap-BB-OM4	C32
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM4B White		1	MaxCap-BB-OM4	C32
60019701	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM4B Red	1025009	1	MaxCap-BB-OM4	C32
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM4B Black		1	MaxCap-BB-OM4	C32

## D26: UC<sup>FIBRE™</sup> 900 µm LS9 fibre cord

	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM4B Yellow		1	MaxCap-BB-OM4	C32
60020187	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM4B Violet	1027113	1	MaxCap-BB-OM4	C32
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM4B Pink		1	MaxCap-BB-OM4	C32
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 OM4B Aqua		1	MaxCap-BB-OM4	C32
60019243	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 MM61 Blue	1020446	1	OM1 62.5/125 multi mode	C02
60019250	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 MM61 Orange	1020453	1	OM1 62.5/125 multi mode	C02
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 MM61 Green	1020445	1	OM1 62.5/125 multi mode	C02
60019246	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 MM61 Brown	1020449	1	OM1 62.5/125 multi mode	C02
60019245	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 MM61 Grey	1020448	1	OM1 62.5/125 multi mode	C02
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 MM61 White		1	OM1 62.5/125 multi mode	C02
	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 MM61 Red		1	OM1 62.5/125 multi mode	C02
60019249	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 MM61 Black	1020452	1	OM1 62.5/125 multi mode	C02
60019244	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 MM61 Yellow	1020447	1	OM1 62.5/125 multi mode	C02
60019247	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 MM61 Violet	1020450	1	OM1 62.5/125 multi mode	C02
60019251	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 MM61 Pink	1020454	1	OM1 62.5/125 multi mode	C02
60019248	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 MM61 Aqua	1020451	1	OM1 62.5/125 multi mode	C02
60019224	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM2D.P Blue	1020427	1	OS2 Single mode G652.D	C18e
60019231	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM2D.P Orange	1020434	1	OS2 Single mode G652.D	C18e
60019223	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM2D.P Green	1020426	1	OS2 Single mode G652.D	C18e
60019227	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM2D.P Brown	1020430	1	OS2 Single mode G652.D	C18e
60019226	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM2D.P Grey	1020429	1	OS2 Single mode G652.D	C18e
60019943	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM2D.P White	1026230	1	OS2 Single mode G652.D	C18e
60019942	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM2D.P Red	1026231	1	OS2 Single mode G652.D	C18e
60019230	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM2D.P Black	1020433	1	OS2 Single mode G652.D	C18e
60019225	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM2D.P Yellow	1020428	1	OS2 Single mode G652.D	C18e
60019228	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM2D.P Violet	1020431	1	OS2 Single mode G652.D	C18e
60019232	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM2D.P Pink	1020435	1	OS2 Single mode G652.D	C18e
60019229	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM2D.P Aqua	1020432	1	OS2 Single mode G652.D	C18e
60020644	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM7B Blue	1029488	1	BendBright <sup>XS</sup> G.657.A2	C24
60019240	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM7B Orange	1020443	1	BendBright <sup>XS</sup> G.657.A2	C24
60019233	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM7B Green	1020436	1	BendBright <sup>XS</sup> G.657.A2	C24
60019236	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM7B Brown	1020439	1	BendBright <sup>XS</sup> G.657.A2	C24
60019235	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM7B Grey	1020438	1	BendBright <sup>XS</sup> G.657.A2	C24
60020642	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM7B White	1029484	1	BendBright <sup>XS</sup> G.657.A2	C24
60020643	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM7B Red	1029485	1	BendBright <sup>XS</sup> G.657.A2	C24
60019239	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM7B Black	1020442	1	BendBright <sup>XS</sup> G.657.A2	C24
60019234	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM7B Yellow	1020437	1	BendBright <sup>XS</sup> G.657.A2	C24
60019237	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM7B Violet	1020440	1	BendBright <sup>XS</sup> G.657.A2	C24
60019241	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM7B Pink	1020444	1	BendBright <sup>XS</sup> G.657.A2	C24
60019238	UC <sup>FIBRE™</sup> S LSHF LS9 0.9 1 SM7B Aqua	1020441	1	BendBright <sup>XS</sup> G.657.A2	C24

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