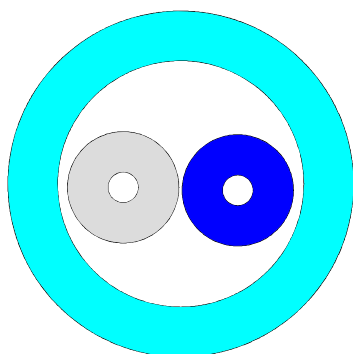


D41: UC^{FIBRE}™ Uniboot ø2.0 mm Duplex Cable

Uniboot, round assembly cable with 2 ES6 buffered fibres, aramid yarn, FireRes® sheath. VDE: J-V(ZN)H 2



Application and installation

LAN horizontal cabling

This cable features Draka's ES6 easy strippable 600 µm 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

Construction

Fibre	2 ES6 easily strippable tightly buffered white fibres 600 µm ± 50 µm	
Buffer colours	Fibre 1	White
	Fibre 2	Blue
Strength member	Ultra high modulus aramid yarns	
Sheath	0.3 mm 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 ES6 2.0 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>	

D41: UC^{FIBRE™} Uniboot ø2.0 mm Duplex Cable

Physical properties

IEC 60794-1-21/22

Attribute	Method	Limits
Nominal dimensions	-	2.0 mm ± 0.10 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	1 Nm; R = 12.5 mm
Torsion	E7	5 cycles ± 1 turn
Min. Bending radius	E11	R = 25 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

Product Codes

Product code	Product description	Fibre count	Fibre type	Fibre data sheet
	UC ^{FIBRE™} I T LSHF-FR ES6 2.0 2 OM2B	2	MaxCap-BB-OM2	C34
	UC ^{FIBRE™} I T LSHF-FR ES6 2.0 2 OM3B	2	MaxCap-BB-OM3	C31
	UC ^{FIBRE™} I T LSHF-FR ES6 2.0 2 OM4B	2	MaxCap-BB-OM4	C32
	UC ^{FIBRE™} I T LSHF-FR ES6 2.0 2 OM5B	2	WideCap-OM5	C39
	UC ^{FIBRE™} I T LSHF-FR ES6 2.0 2 MM61	2	OM1 62.5/125	C02
	UC ^{FIBRE™} I T LSHF-FR ES6 2.0 2 SM2D.P	2	OS2 G.652.D – tight geometry	C18
	UC ^{FIBRE™} I T LSHF-FR ES6 2.0 2 SM7B.P	2	OS2 BendBright ^{XS} G.657. A2 – tight geometry	C25

© PRYSMIAN GROUP 2018, All Rights Reserved

All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian Group: any modification or alteration afterwards of product may give different result.

The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed to be correct at the time of issue. Prysmian Group reserves the right to amend this specification without prior notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.