

UC^{FIBRE™} ITN LSHF-FR T 1.6 2

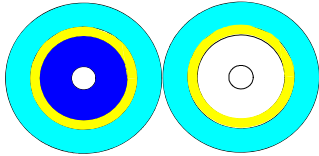
Tight buffer, 2 fibres, aramid yarns FireRes[®] sheath

DIN/VDE J-V(ZN)H 2

NO AXAI-I/P-16

FR COPZLK

DK



Application and Installation

Patch cord cable, very well suited for mounting of LC and MT-RJ connectors

Standards

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

Construction

Fibre	2 tightly buffered fibre 600 µm ± 50 µm.	
Strength member	Ultra high modulus aramid yarns	
Sheath	LSHF-FR fire retardant, UV stabilised sheathing material, EN 50290-2-27	
Sheath colours	Cable with SM fibres	Yellow
	Cable with M5 fibres	Orange
	Cable with M6 fibres	Grey
	Cable with MaxCap-OM3 or MaxCap-OM4 fibre	Aqua

Fire rating

IEC 60332-3-24 = IEC 332-3C	Vertically-mounted bunched wires and cables
IEC 60754-1	No halogens
IEC 60754-2	No acid matters
IEC 61034-2	No dense smoke

Heat of combustion

95 MJ/km	0.03 kWh/m
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Note: The Draka policy of continuous improvement may cause in changed specifications without prior notice

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Physical properties

IEC 60974-1-2

Nominal diameter	-	1.6 x 3.3 mm
Nominal weight	-	5.3 kg/km
Tensile strength (permanent)	E1	125 N
Tensile strength (dynamic)	E1	250 N
Compressive strength (crush)	E3	500 N
Impact	E4	2 Nm
Torsion	E7	5 cycles ± 1 turn
Min. bending radius, short term unloaded	E11	R = 20 mm
Min. bending radius, installed	E11	R = 40 mm
<i>For version with BendBright^{XS} fibre:</i>	E11	R = 7.5 mm
Min. bending radius, installed		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 – ordering information

Item No.	Fibre count	Product code	Fibre type	Fibre data sheet
o. request	2	UCFIBRE IT N LSHF-FR T 1.6 2 MM52	OM2 50/125 multi mode 600/1200	C01a
o. request	2	UCFIBRE IT N LSHF-FR T 1.6 2 MM53	OM3 MaxCap-OM3 multi mode	C12
o. request	2	UCFIBRE IT N LSHF-FR T 1.6 2 MM61	OM1 62.5/125 multi mode	C02
o. request	2	UCFIBRE IT N LSHF-FR T 1.6 2 SM2D	OS2 Single mode	C18e
o. request	2	UCFIBRE IT N LSHF-FR T 1.6 2 SM7B	BendBright ^{XS} G.657.A2	C24

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