

UC^{FIBRE} I/O CT N MA LSHF 1.0 kN

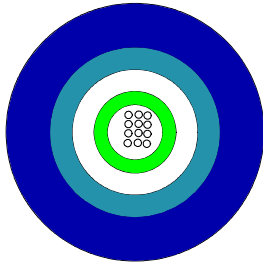
Central tube, 2 – 24 fibres, steel armouring, 1.5 mm FireBur[®] sheath

DIN/VDE A-D(ZN)(SR)H

NO

FR

DK



Application and Installation

This cable can be used for LAN and WAN backbones, telecom access lines, fibre to business and fibre to the building drop connections; as well as fibre to the home drop and access connections.

With its FireBur[®] sheathing this cable is ideal for indoor/outdoor mixed installation. The cable, having a corrugated steel tape armouring is rodent proof. The cable is well suited for installation in ducts and on trays, indoor as well as outdoor. The cable is excellent for direct burial with proper sand back filling.

Standards

ISO 11801 2nd edition

EN 50173-1:2002

IEC 60794-1

Construction

Loose tube	ø2.8 mm jelly filled loose tube with 2 – 16 fibres; ø3.5 mm loose tube with 24 fibres		
Fibre colour code	1	Red	13 Yellow w/mark per 70 mm
	2	Green	14 White w/mark per 70 mm
	3	Blue	15 Grey w/mark per 70 mm
	4	Yellow	16 Turquoise w/mark per 70 mm
	5	White	17 Orange w/mark per 70 mm
	6	Grey	18 Pink w/mark per 70 mm
	7	Brown	19 Yellow w/mark every 35 mm
	8	Violet	20 White w/mark every 35 mm
	9	Turquoise	21 Grey w/mark every 35 mm
	10	Black	22 Turquoise w/mark every 35 mm
	11	Orange	23 Orange w/mark every 35 mm
	12	Pink	24 Pink w/mark every 35 mm
Strength member	E-Glass yarns		
Armouring	0.15 mm corrugated steel tape		
Sheath	1.5 mm blue FireBur sheath, UV stabilised, EN 50290-2-27		

Fire rating

IEC 60332-1-2 Single vertical wire test

Note: The Draka policy of continuous improvement may cause in changed specifications without prior notice

UC^{FIBRE} I/O CT N MA LSHF 1.0 kN

IEC 60754-1	No halogens
IEC 60754-2	No acid matters
IEC 61034-2	No dense smoke

Heat of combustion

2-16 fibres:	1200 MJ/km	0.33 kWh/m
24 fibres:	1300 MJ/km	0.36 kWh/m

Physical properties

IEC 60794-1

Nominal outer diameter	-	2 - 16 fibres: 8.5 mm 24 fibres: 9.5 mm
Nominal weight	-	2 - 16 fibres: 75 kg/km 24 fibres: 85 kg/km
Tensile strength (dynamic)	E1	1000 N
Tensile strength (permanent)	E1	500 N
Compressive strength (crush)	E3	2000N
Torsion	E7	5 cycles ± 1 turn
Kink	E10	The cables do not form a kink when a loop is drawn together to a diameter of 100 mm
Min. bending radius	E11	R = 55 mm
Temperature range	F1	Storage and installation: -40°C to +70°C Operation: -40°C to +70°C The max. attenuation variation in the operational temperature range is: For M6 and M5 fibres: 0.5 dB/km For SM fibres: 0.2 dB/km

Product codes – ordering information

Item No.	Fibre count	Product code	Fibre type	Fibre data sheet
1016996	4	UCFIBRE I/O CT N MA LSHF 1.0kN 4 MM52	OM2 50/125 multi mode 600/1200	C01a
1016998	6	UCFIBRE I/O CT N MA LSHF 1.0kN 6 MM52	OM2 50/125 multi mode 600/1200	C01a
1017001	8	UCFIBRE I/O CT N MA LSHF 1.0kN 8 MM52	OM2 50/125 multi mode 600/1200	C01a
1017004	12	UCFIBRE I/O CT N MA LSHF 1.0kN 12 MM52	OM2 50/125 multi mode 600/1200	C01a
o. request	24	UCFIBRE I/O CT N MA LSHF 1.0kN 24 MM52	OM2 50/125 multi mode 600/1200	C01a
1016997	4	UCFIBRE I/O CT N MA LSHF 1.0kN 4 MM61	OM1 62.5/125 multi mode	C02
1016999	6	UCFIBRE I/O CT N MA LSHF 1.0kN 6 MM61	OM1 62.5/125 multi mode	C02
1017002	8	UCFIBRE I/O CT N MA LSHF 1.0kN 8 MM61	OM1 62.5/125 multi mode	C02
1017005	12	UCFIBRE I/O CT N MA LSHF 1.0kN 12 MM61	OM1 62.5/125 multi mode	C02
1017000	6	UCFIBRE I/O CT N MA LSHF 1.0kN 6 SM2D	OS2 Single mode	C03e
1017003	8	UCFIBRE I/O CT N MA LSHF 1.0kN 8 SM2D	OS2 Single mode	C03e
1017006	12	UCFIBRE I/O CT N MA LSHF 1.0kN 12 SM2D	OS2 Single mode	C03e
1017007	24	UCFIBRE I/O CT N MA LSHF 1.0kN 24 SM2D	OS2 Single mode	C03e

Note: The Draka policy of continuous improvement may cause in changed specifications without prior notice