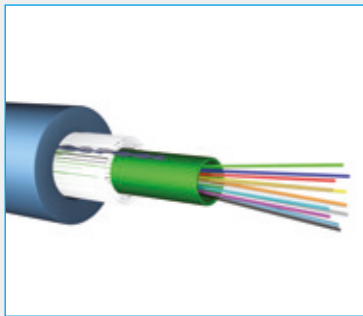


## 7.1. Cable

**Fire rating**

IEC 60332-1-2	Single vertical wire test
IEC 60754-1	No halogens
IEC 60754-2	No acid matters
IEC 61034-2	No dense smoke

**Standards**

ISO 11801 2<sup>nd</sup> edition  
EN 50173-1:2002;  
IEC 60794-1

# UC<sup>FIBRE</sup> I/O CT D DA LSHF 1.0 kN

Central tube, 2 - 24 fibres, FireBur® sheath

## Construction

<b>Loose tube</b>	Ø2.8 mm jelly filled loose tube with 2 - 16 fibres Ø3.5 mm loose tube with 24 fibres
<b>Strength member</b>	Waterblocked E-Glass fibre elements
<b>Sheath</b>	1.0 mm blue FireBur® sheath, UV stabilised, IEC 50290-2-27

## Physical properties

Property	Value
<b>Maximum installation tensile strength</b>	1000 N (fibre strain less than 1/2 of proof test level)
<b>Permanent tensile strength</b>	500 N (no attenuation change, fibre strain less than 1/4 of proof test level)
<b>Compressive strength (crush)</b>	1500 N
<b>Impact</b>	15 Nm (no attenuation change, no broken cable elements)
<b>Torsion</b>	5 cycles ± 1 turn
<b>Min. bending radius, unloaded</b>	R = 60 mm
<b>Min. bending radius, loaded</b>	R = 100 mm
<b>Temperature range</b>	Storage: -40°C to +60°C Installation: -30°C to +40°C Operation: -30°C to +60°C.
<b>Water penetration</b>	No water on free end

## Technical data

Item No.	Fibre count	Product code	Fibre type	Diameter	Weight
				mm	kg/km
<b>60018863</b>	4	UC <sup>FIBRE</sup> I/O CT D DA LSHF 1.0kN 4 MM53	MaxCap-BendBright OM3	6.0	40
<b>60011320</b>	6	UC <sup>FIBRE</sup> I/O CT D DA LSHF 1.0kN 6 MM53	MaxCap-BendBright OM3	6.0	40
<b>60018784</b>	8	UC <sup>FIBRE</sup> I/O CT D DA LSHF 1.0kN 8 MM53	MaxCap-BendBright OM3	6.0	40
<b>60018785</b>	12	UC <sup>FIBRE</sup> I/O CT D DA LSHF 1.0kN 12 MM53	MaxCap-BendBright OM3	6.0	40
<b>60018786</b>	24	UC <sup>FIBRE</sup> I/O CT D DA LSHF 1.0kN 24 MM53	MaxCap-BendBright OM3	6.5	45
<b>60018814</b>	4	UC <sup>FIBRE</sup> I/O CT D DA LSHF 1.0kN 4 MM51	OM2 50/125 500/500	6.0	40
<b>60018815</b>	6	UC <sup>FIBRE</sup> I/O CT D DA LSHF 1.0kN 6 MM51	OM2 50/125 500/500	6.0	40
<b>60018780</b>	8	UC <sup>FIBRE</sup> I/O CT D DA LSHF 1.0kN 8 MM51	OM2 50/125 500/500	6.0	40
<b>60011400</b>	12	UC <sup>FIBRE</sup> I/O CT D DA LSHF 1.0kN 12 MM51	OM2 50/125 500/500	6.0	40
<b>60018816</b>	24	UC <sup>FIBRE</sup> I/O CT D DA LSHF 1.0kN 24 MM51	OM2 50/125 500/500	6.5	45
<b>60011327</b>	4	UC <sup>FIBRE</sup> I/O CT D DA LSHF 1.0kN 4 SM2D	OS2 Single mode G652.D	6.0	40
<b>60011330</b>	6	UC <sup>FIBRE</sup> I/O CT D DA LSHF 1.0kN 6 SM2D	OS2 Single mode G652.D	6.0	40
<b>60011304</b>	8	UC <sup>FIBRE</sup> I/O CT D DA LSHF 1.0kN 8 SM2D	OS2 Single mode G652.D	6.0	40
<b>1016962</b>	12	UC <sup>FIBRE</sup> I/O CT D DA LSHF 1.0kN 12 SM2D	OS2 Single mode G652.D	6.0	40
<b>60011336</b>	24	UC <sup>FIBRE</sup> I/O CT D DA LSHF 1.0kN 24 SM2D	OS2 Single mode G652.D	6.5	45