

UC FIBRE™ OCT D DA PE 3.0 kN

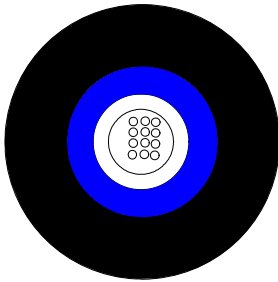
Central tube, 2 – 24 fibres, rodent protection, LLDPE sheath

DIN/VDE A-DQ(ZN)B2Y

NO

FR COU TEW

DK GARPE 4



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 LLDPE sheathing this cable is ideal for outdoor installation.

The cable features a very high tensile strength and a degree of rodent protection, effective in most cases.

It is equally suited for installation in ducts and on trays.

The cable is well suited for direct burial with proper sand back filling.

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 every 70 mm
	2	Green	14 White w/mark every 70 mm
	3	Blue	15 Grey w/mark every 70 mm
	4	Yellow	16 Turquoise w/mark every 70 mm
	5	White	17 Orange w/mark every 70 mm
	6	Grey	18 Pink w/mark every 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	Waterblocked E-Glass fibre elements		
Sheath	1.8 mm black LLDPE sheath, IEC 60811, IEC 60708		

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

UC^{FIBRE™} OCT D DA PE 3.0 kN

Fire rating

None

Physical properties

IEC 60794-1

Property	Test method	Value
Nominal outer diameter	-	2 - 16 fibres: 9.0 mm 18 - 24 fibres: 9.5 mm
Nominal weight	-	2 - 16 fibres: 70 kg/km 18 - 24 fibres: 75 kg/km
Maximum installation tensile strength	E1	3000 N (fibre strain less than 1/2 of proof test level)
Short term tensile strength	E1	2000 N (fibre strain less than 1/3 of proof test level)
Permanent tensile strength	E1	1000 N (no attenuation change, fibre strain less than 1/4 of proof test level)
Compressive strength (crush)	E3	3000N
Impact	E4	25 Nm (no attenuation change, no broken cable elements)
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 200 mm
Min. Bending radius, unloaded	E11	R = 100 mm
Min. Bending radius, loaded	-	R = 100 mm
Temperature range	F1	Storage: -40°C to +60°C (short term up to 70 °C) Installation: -15°C to +40°C Operation: -40°C to +70°C
Water penetration	F5B	No water on free end

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

UC FIBRE™ O C T D D A P E 3.0 kN

Product codes – ordering information

Item No.	Fibre count	Product code	Fibre type	Fibre data sheet
1018629	4	UCFIBRE O C T D D A P E 3.0kN 4 MM52	OM2 50/125 multi mode 600/1200	C01a
1018597	6	UCFIBRE O C T D D A P E 3.0kN 6 MM52	OM2 50/125 multi mode 600/1200	C01a
1017442	8	UCFIBRE O C T D D A P E 3.0kN 8 MM52	OM2 50/125 multi mode 600/1200	C01a
1017178	12	UCFIBRE O C T D D A P E 3.0kN 12 MM52	OM2 50/125 multi mode 600/1200	C01a
1017444	24	UCFIBRE O C T D D A P E 3.0kN 24 MM52	OM2 50/125 multi mode 600/1200	C01a
1018632	12	UCFIBRE O C T D D A P E 3.0kN 12 MM53	OM3 MaxCap@300	C12
1018633	24	UCFIBRE O C T D D A P E 3.0kN 24 MM53	OM3 MaxCap@300	C12
1017176	4	UCFIBRE O C T D D A P E 3.0kN 4 MM61	OM1 62.5/125 multi mode	C02
1018630	6	UCFIBRE O C T D D A P E 3.0kN 6 MM61	OM1 62.5/125 multi mode	C02
1017177	8	UCFIBRE O C T D D A P E 3.0kN 8 MM61	OM1 62.5/125 multi mode	C02
1017179	12	UCFIBRE O C T D D A P E 3.0kN 12 MM61	OM1 62.5/125 multi mode	C02
1017445	24	UCFIBRE O C T D D A P E 3.0kN 24 MM61	OM1 62.5/125 multi mode	C02
1018628	4	UCFIBRE O C T D D A P E 3.0kN 4 SM2D	OS2 Single mode	C03e
1018631	6	UCFIBRE O C T D D A P E 3.0kN 6 SM2D	OS2 Single mode	C03e
1017443	8	UCFIBRE O C T D D A P E 3.0kN 8 SM2D	OS2 Single mode	C03e
1017180	12	UCFIBRE O C T D D A P E 3.0kN 12 SM2D	OS2 Single mode	C03e
1017446	24	UCFIBRE O C T D D A P E 3.0kN 24 SM2D	OS2 Single mode	C03e

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