



UC^{FIBRE™} OCT D DA PE PA 1.5 kN

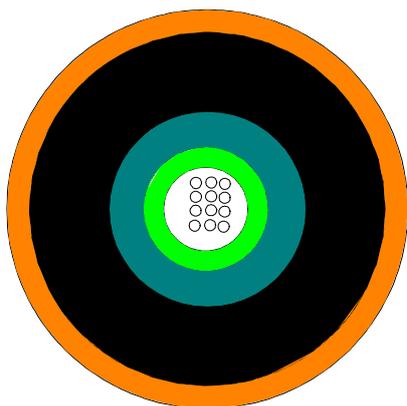
**Central tube cable w. 2- 24 fibres, glass elements, LLDPE sheath,
PA outer sheath**

DIN/VDE A-DQ(ZN)B2Y4Y

NO

FR

DK GARPE 5 PA



Application and Installation

This cable is well suited for outdoor LAN and WAN backbones, campus networks and telecom access connections.

This cable is specially designed for installation in ducts by blowing and flooding. The cable may also be directly buried if the conditions are not too difficult. The outer PA sheath provides a degree of rodent protection.

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 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

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 P A 1.5 kN

	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	1.2 mm black LLDPE sheath, IEC 60811, IEC 60708	
Jacket	0.5 mm orange PA, UV stabilised	

Fire rating

None

Physical properties

IEC 60794-1

Nominal outer diameter	-	2 - 16 fibres: 8 mm 18 - 24 fibres: 8.5 mm
Nominal weight	-	2 - 16 fibres: 65 kg/km 18 - 24 fibres: 70 kg/km
Maximum installation tensile strength	E1	1500 N (fibre strain less than 1/2 of proof test level)
Short term tensile strength	E1	1000 N (fibre strain less than 1/3 of proof test level)
Permanent tensile strength	E1	700 N (no attenuation change, fibre strain less than 1/4 of proof test level)
Compressive strength (crush)	E3	3000 N
Impact	E4	20 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 = 60 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: -30°C to +70°C
Water penetration	F5B	No water on free end

Product codes – ordering information

Item No.	Fibre count	Product code	Fibre type	Fibre data sheet
1019145	12	UCFIBRE O C T D D A P E P A 1.5kN 12 MM51	OM2 50/125 multi mode	C01a
1019146	24	UCFIBRE O C T D D A P E P A 1.5kN 24 MM51	OM2 50/125 multi mode	C01a
1018642	12	UCFIBRE O C T D D A P E P A 1.5kN 12 MM61	OM1 62.5/125 multi mode	C02
1018644	24	UCFIBRE O C T D D A P E P A 1.5kN 24 MM61	OM1 62.5/125 multi mode	C02
1019086	8	UCFIBRE O C T D D A P E P A 1.5kN 8 SM2D	OS2 single mode	C03e
1018641	12	UCFIBRE O C T D D A P E P A 1.5kN 12 SM2D	OS2 single mode	C03e
1018643	24	UCFIBRE O C T D D A P E P A 1.5kN 24 SM2D	OS2 single mode	C03e

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