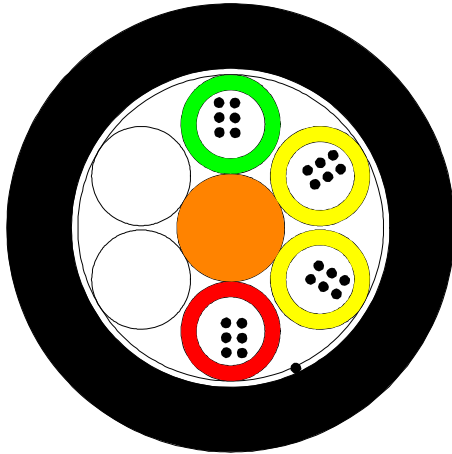


UC^{FIBRE™} O STD PE 1.8 kN

Stranded loose tube, 6 – 264 fibres; 6, 8 or 12 fibres per \varnothing 2.3 mm tube;
black PE Sheath

DIN/VDE A-DQ 2Y n x (6, 8 or 12)... LG NO FR DK



Application and Installation

LAN, WAN backbones
Installation in ducts.

Standards

EN 187 000
IEC 60794-3
IEC 60794-3-10
IEC 60794-3-12
ISO 11801 2nd edition
EN 50 173-1

Construction

Central strength member	ø2.5 mm FRP rod			
Fibre colour code	1	Red	7	Brown
	2	Green	8	Violet
	3	Blue	9	Turquoise
	4	Yellow	10	Black
	5	White	11	Orange
	6	Grey	12	Pink
Loose tube	ø2.3 mm jelly filled loose tubes, with 2 – 12 fibres each, up to 22 tubes in two layers, for lay-up refer to B04			
Water blocking	The core is water blocked using swellable tape and yarn			

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

UC^{FIBRE™} O STD PE 1.8 kN

Wrapping	Swellable tape
Ripcord	Polyester ripcord for easy slitting the sheath
Sheath	1.5 mm black MDPE, IEC 60811, IEC 60708

Fire rating

None

Physical properties

IEC 60974-1-2

Tensile strength (dynamic)	E1	1800 N
Tensile strength (permanent)	E1	1200 N
Compressive strength (crush)	E3	3000N
Impact	E4	20 Nm
Torsion	E7	5 cycles ± 1 turn
Kink	E10	The cables do not form a kink when a loop is drawn together to a diameter 12 times the cable nominal diameter
Temperature range	F1	The cables can bear temperature cycling between -40 °C to +70 °C. The cables will operate without any attenuation variation (≤0.05 dB) in the temperature interval -30°C to +60°C. The cables will operate with a maximum attenuation variation of 0.1 dB/km in the temperature interval -40°C to +70°C.
Water penetration	F5	No water on free end

Mechanical properties

Fibre count; 6 fibre/tube	Fibre count; 8 fibre/tube	Fibre count; 12 fibre/tube	Nominal diameter	Nominal cable weight	Minimum bending radius
6-36	8-48	12-72	10.5 mm	90 kg/km	160 mm
42-48	56-64	84-96	12.0 mm	115 kg/km	180 mm
54-60	72-80	108-120	13.5 mm	145 kg/km	200 mm
66-72	88-96	132-144	15.0 mm	180 kg/km	225 mm
78-84	104-112	156-168	16.5 mm	215 kg/km	250 mm
90-108	120-144	180-216	15.5 mm	180 kg/km	225 mm
114-132	152-176	228-264	17.0 mm	230 kg/km	255 mm

Product codes – ordering information

Item No.	Fibre count	Product code	Fibre type	Fibre data sheet
o. request				

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