

UC^{FIBRE™} O ST D DA PE PA 1.8 kN

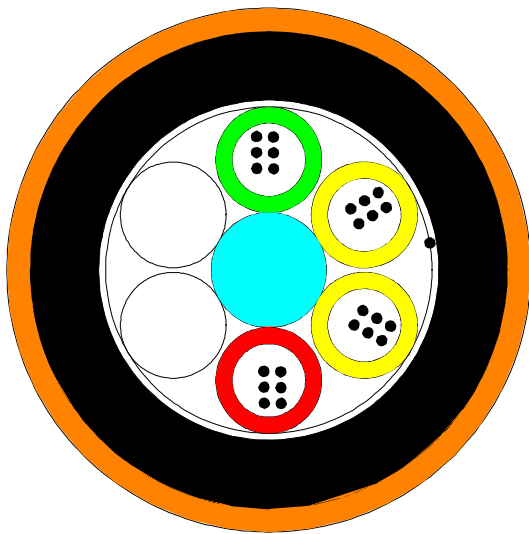
Stranded loose tube, 6 – 312 fibres, 6, 8 or 12 fibres per \varnothing 2.3 mm tube, black PE sheath; orange PA overshath

DIN/VDE A- DQ 2Y 4Y

NO

FR

DK



Application and Installation

Outdoor data communication connections
Telecom trunk lines
Telecom access and distribution lines
CATV trunk lines

The low friction coefficient of the PA surface gives greatly improved flooding distances during flooding of cables into ducts.

In addition improved blowing distances are obtained.

The hard surface of the PA 12 jacket gives the cable a degree of rodent protection, effective in many cases. PA 12 is halogen free.

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

UC^{FIBRE™} O STD DA PE PA 1.8 kN

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 26 tubes in two layers, for lay-up refer to B04			
Water blocking	The core is water blocked using swellable tape and yarn			
Wrapping	Swellable tape			
Ripcord	Polyester ripcord for easy slitting the sheath			
Sheath	1.5 mm black MDPE, IEC 60811, IEC 60708			
Jacket	0.5 mm orange PA 12			

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 pass 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

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

UC^{FIBRE™} O STD DA PE PA 1.8 kN

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	11.5 mm	105 kg/km	170 mm
42-48	56-64	84-96	13.0 mm	135 kg/km	195 mm
54-60	72-80	108-120	14.5 mm	170 kg/km	220 mm
66-72	88-96	132-144	16.0 mm	205 kg/km	240 mm
78-84	104-112	156-168	17.5 mm	245 kg/km	260 mm
90-108	120-144	180-216	16.0 mm	205 kg/km	240 mm
114-132	152-176	228-264	18.0 mm	260 kg/km	270 mm
138 -156	184 - 192	276-312	19.5 mm	270 kg/km	300 mm

Product codes – ordering information

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

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