



## UC FIBRE™ O STD MA PE 1.8 kN

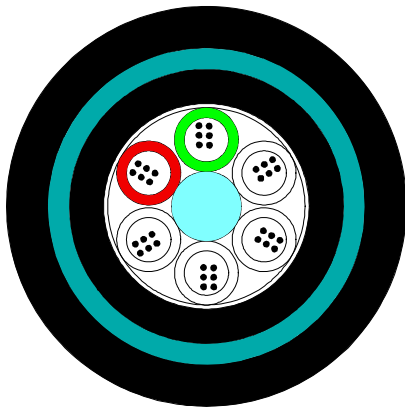
**Stranded loose tube cable w. 2 - 312 fibres for direct burial in semi dry construction; w. inner MDPE Sheath, corrugated steel tape armouring and outer MDPE Sheath**

DIN/VDE A-DQ2Y(SR)2Y

NO

FR

DK



### Application and Installation

Applications include outdoor data communication connections, Telecom trunk lines, Telecom access net connections and CATV trunk lines.

The intended installation method for this cable is by direct burial and general conditions with risk of severe rodent attacks.

### Standards

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

### Construction

Central strength member	ø2.5 mm FPR rod
Loose tube	ø2.3 mm jelly filled loose tubes, with 2 – 12 fibres each.
Water blocking	The core is water blocked using swellable tapes and tread
Wrapping	Polyester tape
Rip cord	1 rip cord
Inner sheath	Black MDPE, IEC 60811, IEC 60708
Rip cord	2 rip cords
Armouring	0.15 mm corrugated steel tape
Sheath	1.5 mm black MDPE, IEC 60811, IEC 60708

### Fire rating

None.

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

## UC<sup>FIBRE™</sup> O STD MA PE 1.8 kN

### 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
Reverse bending	E6	30 reversed bends; R = 300 mm;
Torsion	E7	5 cycles ±1 turn
Kink	E10	No kink at 12 x cable diameter
Temperature range	F1	Storage: -60 °C to 60 °C Installation: -30 °C to 60 °C Operation -60 °C to 70 °C In the interval -60 °C to 70 °C there is no attenuation variation (≤ 0.05 dB) for a single mode fibre, when tested according to the standard mentioned.
Water penetration	F5B	No water on free end (core only)

### 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	14.5 mm	210 kg/km	290 mm
42-48	56-64	84-96	14.5 mm	215 kg/km	290 mm
54-72	72-96	108-144	19.5 mm	345 kg/km	390 mm
78-108	104-144	156-216	19.5 mm	350 kg/km	390 mm
114-156	152-208	228-312	23.0 mm	480 kg/km	460 mm

### Sheath marking

Draka UC<sup>FIBRE</sup> O STD MA PE 1.8 kN <Fibre count> <Fibre type><Fibre brand> <Item No>05<Batch Number><Meter mark> A-DQ2Y(SR)2Y <Number of Elements> x <Fibre count per element> <Fibre family> <Mode field diameter> /125 <Transmission Class>

*There is approximately 10cm space between the three blocks of text. Text string repeats every meter of the cable.*

### Product codes – ordering information

Product code	Fibre count	Fibre type	Fibre data sheet
o. request			