



UC FIBRE™ O STD MA PE 1.8 kN

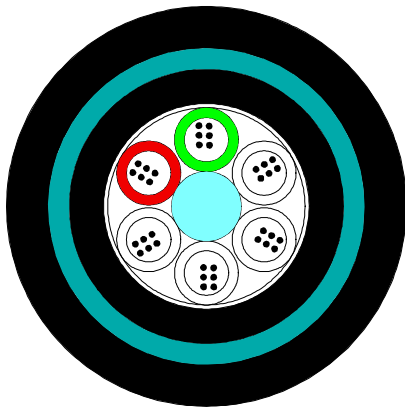
Stranded loose tube cable w. 2 - 312 fibres for direct burial in semi dry construction; w. inner MDPE Sheath, corrugated steel tape armouring and outer MDPE Sheath

DIN/VDE A-DQ2Y(SR)2Y

NO

FR

DK



Application and Installation

Outdoor data communication connections
Telecom trunk lines
Telecom access net connections
CATV trunk lines

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 FPR rod
Loose tube	ø2.3 mm jelly filled loose tubes, with 2 – 12 fibres each.
Water blocking	The core is water blocked using jelly filling
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

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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

Product codes – ordering information

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