



UC^{FIBRE™} OST F DA PE PE 2.7 kN

Stranded loose tube cable w 4 – 36 fibres and 4 or 6 fiber per loose tube, inner PE sheath, yarn reinforcement and outer PE sheath

DIN/VDE A-DF2YQ(ZN)B2Y

NO

FR

DK



Application and Installation

Outdoor data and telecommunication trunk lines
Non metallic armoring and double sheath, suited for direct burial

Standards

EN 187 000
IEC 60794-3
IEC 60794-3-10
IEC 60794-3-12
ISO 11801 2nd edition
EN 50173-1:2002

Construction

Central strength member	ø2.5 mm FRP rod			
Fibre colour code	1	Red	4	Yellow
	2	Green	5	White
	3	Blue	6	Grey
Loose tube	Ø2.3 mm jelly filled loose tubes, with 2 – 6 fibres each.			
Water blocking	The core is water blocked using jelly.			
Wrapping	Polyester tape			
Inner sheath	1.5 mm black MDPE, IEC 60811, IEC 60708			
Wrapping	Swellable tape			
Reinforcement	E-Glass yarns			
Outer sheath	2.0 mm black MDPE, IEC 60811, IEC 60708			

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



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Fire rating

None

Physical properties

IEC 60974-1-2

Nominal outer diameter	-	16 mm
Nominal weight	-	215 kg/km
Tensile strength (dynamic)	E1	2700 N
Tensile strength (permanent)	E1	2000 N
Compressive strength (crush)	E3	3000N/6000N *)
Impact	E4	25 Nm/50 Nm *)
Reverse bending; cold	E6	30 reversed bends; R = 200 mm; T = -20°C
Min. Bending radius	E11	R = 200 mm
Temperature range	F1	-40°C to +70°C
Water penetration	F5	No water on free end

*) After the 3000N and the 25 Nm experiments there is no damage to the cable elements and no attenuation change
After the 6000N and the 50 Nm experiments there are small marks on the loose tubes and no attenuation change

Product codes – ordering information

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

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