

UC^{FIBRE™} O STD DA PE PA 3.0 kN

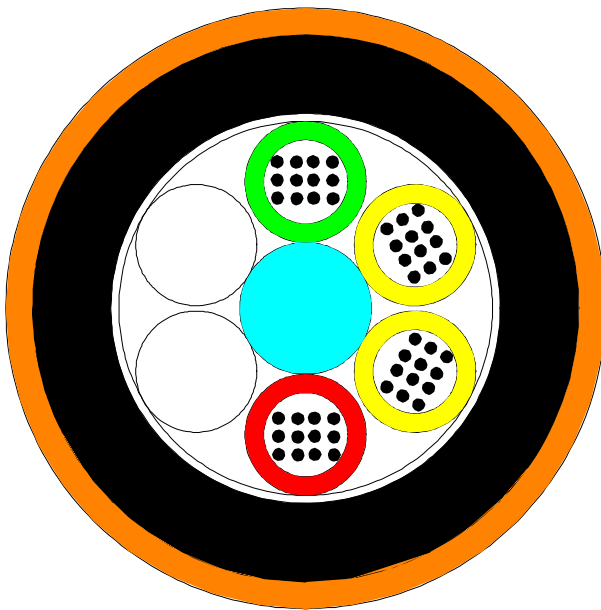
**Stranded loose tube, 24 – 288 Optical fibres, 24 fibres per ø2.8 mm tube;
black PE sheath; orange PA overshath**

DIN/VDE A- DQ 2Y 4Y

NO

FR

DK



Application and Installation

Ultra compact medium fibre count optical cable with up to 288 fibres

Suitable for outdoor data communication connections, telecom trunk lines, telecom access and distribution lines and 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.

Standards

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

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

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Construction

Central strength member	Ø 3.0 mm FRP rod			
Fibre colour code	1	Red	13	Yellow w/mark per 70 mm
	2	Green	14	White w/mark per 70 mm
	3	Blue	15	Grey w/mark per 70 mm
	4	Yellow	16	Turquoise w/mark per 70 mm
	5	White	17	Orange w/mark per 70 mm
	6	Grey	18	Pink w/mark per 70 mm
	7	Brown	19	Yellow w/mark every 35 mm
	8	Violet	20	White w/mark every 35 mm
	9	Turquoise	21	Grey w/mark every 35 mm
	10	Black	22	Turquoise w/mark every 35 mm
	11	Orange	23	Orange w/mark every 35 mm
	12	Pink	24	Pink w/mark every 35 mm
Loose tube	Ø 2.8 mm jelly filled loose tubes, with 24 fibres each, up to 12 tubes.			
Water blocking	The core is water blocked using swellable tape and yarns			
Wrapping	Swellable tape			
Ripcord	Polyester ripcord for easy slitting the sheath			
Sheath	1.5 mm black MDPE, IEC 60811, IEC 60708			
Overshetah	0.5 mm orange PA 12,			

Fire rating

None

Physical properties

IEC 60974-1-2

Tensile strength (dynamic)	E1	3000 N
Tensile strength (permanent)	E1	2000 N
Compressive strength (crush)	E3	3000 N
Impact	E4	15 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 -25°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

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Mechanical properties

Fibre count	Nominal diameter	Nominal cable weight	Minimum bending radius
Upto 144	13 mm	140 kg/km	160 mm
168, 192	15 mm	190 kg/km	180 mm
216, 240	17 mm	230 kg/km	205 mm
264, 288	19 mm	290 kg/km	240 mm

Product codes – ordering information

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

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