

UC^{FIBRE} O C T D DA PE 1.0 kN

Central tube, 2 – 24 fibres LLDPE sheath

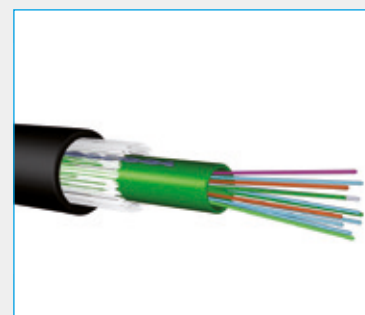
7.1. Cable

Construction

Loose tube	ø2.8 mm jelly filled loose tube with 2 – 16 fibres; ø3.5 mm loose tube with 24 fibres
Strength member	Waterblocked E-Glass fibre elements
Sheath	1.0 mm black LLDPE sheath; IEC 60811; IEC 60708

Physical properties

Property	Value
Maximum installation tensile strength	1000 N
Permanent tensile strength	500 N (no attenuation change)
Compressive strength (crush)	1500 N
Impact	15 Nm (no attenuation change, no broken cable elements)
Torsion	5 cycles ± 1 turn
Min. bending radius, unloaded	R = 60 mm
Min. bending radius, loaded	R = 100 mm
Temperature range	Storage: -40°C to +60°C Installation: -20°C to +40°C Operation: -20°C to +60°C.
Water penetration	No water on free end



Standards

ISO 11801 2nd edition
EN 50173-1:2002;
IEC 60794-1

Technical data

Item No.	Fibre count	Product code	Fibre type	Diameter	Weight
				mm	kg/km
60018822	4	UC ^{FIBRE} O C T D DA PE 1.0kN 4 MM51	OM2 50/125 500/500	6.0	40
60018823	8	UC ^{FIBRE} O C T D DA PE 1.0kN 8 MM51	OM2 50/125 500/500	6.0	40
60018778	12	UC ^{FIBRE} O C T D DA PE 1.0kN 12 MM51	OM2 50/125 500/500	6.0	40
60018783	24	UC ^{FIBRE} O C T D DA PE 1.0kN 24 MM51	OM2 50/125 500/500	6.5	45
1017063	4	UC ^{FIBRE} O C T D DA PE 1.0kN 4 MM61	OM1 62.5/125	6.0	40
60018774	6	UC ^{FIBRE} O C T D DA PE 1.0kN 6 MM61	OM1 62.5/125	6.0	40
60018966	8	UC ^{FIBRE} O C T D DA PE 1.0kN 8 MM61	OM1 62.5/125	6.0	40
60018777	12	UC ^{FIBRE} O C T D DA PE 1.0kN 12 MM61	OM1 62.5/125	6.0	40
60018782	16	UC ^{FIBRE} O C T D DA PE 1.0kN 16 MM61	OM1 62.5/125	6.5	45
60018845	24	UC ^{FIBRE} O C T D DA PE 1.0kN 24 MM61	OM1 62.5/125	6.5	45
60018773	4	UC ^{FIBRE} O C T D DA PE 1.0kN 4 SM2D	OS2 Single mode	6.0	40
60018775	6	UC ^{FIBRE} O C T D DA PE 1.0kN 6 SM2D	OS2 Single mode	6.0	40
60011352	12	UC ^{FIBRE} O C T D DA PE 1.0kN 12 SM2D	OS2 Single mode	6.0	40
1017121	24	UC ^{FIBRE} O C T D DA PE 1.0kN 24 SM2D	OS2 Single mode	6.5	45