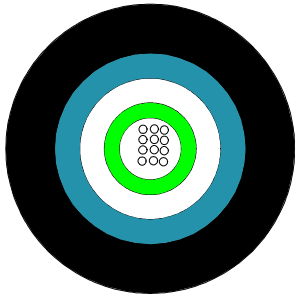


E06a: UC^{FIBRE} Outdoor Central Tube Armoured Cable

3000 N, central tube, with 2 – 24 fibres, glass yarns, steel tape armouring and PE sheath. VDE: A-D(ZN)(SR)2Y



Application and installation

This cable can be used for LAN and WAN backbones, telecom access lines, fibre to business and fibre to the building drop connections; as well as fibre to the home drop and access connections.

With its MDPE sheathing this cable is ideal for outdoor installation.

The cable, having a corrugated steel tape armouring is rodent proof.

The cable is well suited for installation in ducts and on trays.

The cable is excellent for direct burial with proper sand back filling.

Standards

ISO 11801-1, EN 50173-1:2002, IEC 60794-1

Construction

Loose tube	ø2.8 mm jelly filled loose tube with 2 – 24 fibres			
Fibre colour code	1	Red	13	Red w/mark per 70 mm
	2	Green	14	Green w/mark per 70 mm
	3	Blue	15	Blue w/mark per 70 mm
	4	Yellow	16	Yellow w/mark per 70 mm
	5	White	17	White w/mark per 70 mm
	6	Grey	18	Grey w/mark per 70 mm
	7	Brown	19	Brown w/mark every 70 mm
	8	Violet	20	Violet w/mark every 70 mm
	9	Turquoise	21	Turquoise w/mark every 70 mm
	10	Black	22	White w/mark every 35 mm
	11	Orange	23	Orange w/mark every 70 mm
	12	Pink	24	Pink w/mark every 70 mm
Strength member	E-Glass yarns			
Armouring	0.15 mm corrugated steel tape			
Sheath	1.5 mm black MDPE sheath, IEC 60811, IEC 60708			
Sheath marking	Draka UC ^{FIBRE} O CT CST PE 3.0 kN <Fibre count> <Fibre type><Fibre brand><Item No><factory code><Batch Number><Meter mark> A-D(ZN)(SR)2Y <Fibre count> <Fibre family> <Mode field diameter> /125 <Transmission Class> G <Fibre count> <Mode field diameter>/125 QANE			

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Physical properties

Property	IEC 60794-1-21/22 Test method	Value
Nominal outer diameter	-	2 - 24 fibres: 8.5 mm
Nominal weight	-	2 - 24 fibres: 75 kg/km
Tensile strength (dynamic) [N]	E1	3000 (fibre strain ≤ 0.6%)
Tensile strength (permanent) [N]	E1	1000 (fibre strain ≤ 0.2%)
Compressive strength (crush) [N]	E3	2200
Impact [Nm]	E4	30
Torsion	E7	5 cycles ± 1 turn
Kink	E10	The cables do not form a kink when a loop is drawn together to a diameter of 100 mm
Min. bending radius unloaded (permanent)	E11	R = 85 mm
Min. bending radius loaded (installation)	-	R = 170 mm
Temperature range	F1	Storage and installation: -40°C to +70°C Operation: -40°C to +60°C.

Product codes – ordering information

Product code	Product description	Fibre count	Fibre type	Fibre data sheet
60024911	UC ^{FIBRE} O CT CST PE 3kN 2 OM2B	2	MaxCap-BB-OM2	C34
60011387	UC ^{FIBRE} O CT CST PE 3kN 4 OM2B	4	MaxCap-BB-OM2	C34
60018892	UC ^{FIBRE} O CT CST PE 3kN 6 OM2B	6	MaxCap-BB-OM2	C34
60018893	UC ^{FIBRE} O CT CST PE 3kN 8 OM2B	8	MaxCap-BB-OM2	C34
60018894	UC ^{FIBRE} O CT CST PE 3kN 12 OM2B	12	MaxCap-BB-OM2	C34
60069233	UC ^{FIBRE} O CT CST PE 3kN 24 OM2B	24	MaxCap-BB-OM2	C34
60018856	UC ^{FIBRE} O CT CST PE 3kN 4 OM3B	4	MaxCap-BB-OM3	C31
60019590	UC ^{FIBRE} O CT CST PE 3kN 6 OM3B	6	MaxCap-BB-OM3	C31
60019384	UC ^{FIBRE} O CT CST PE 3kN 8 OM3B	8	MaxCap-BB-OM3	C31
60011435	UC ^{FIBRE} O CT CST PE 3kN 12 OM3B	12	MaxCap-BB-OM3	C31
60019386	UC ^{FIBRE} O CT CST PE 3kN 16 OM3B	16	MaxCap-BB-OM3	C31
60069232	UC ^{FIBRE} O CT CST PE 3kN 24 OM3B	24	MaxCap-BB-OM3	C31
60065311	UC ^{FIBRE} O CT CST PE 3kN 4 OM4B	4	MaxCap-BB-OM4	C32
60055105	UC ^{FIBRE} O CT CST PE 3kN 6 OM4B	6	MaxCap-BB-OM4	C32
60043719	UC ^{FIBRE} O CT CST PE 3kN 8 OM4B	8	MaxCap-BB-OM4	C32
60019807	UC ^{FIBRE} O CT CST PE 3kN 12 OM4B	12	MaxCap-BB-OM4	C32
	UC ^{FIBRE} O CT CST PE 3kN 16 OM4B	16	MaxCap-BB-OM4	C32
60071180	UC ^{FIBRE} O CT CST PE 3kN 24 OM4B	24	MaxCap-BB-OM4	C32
60019683	UC ^{FIBRE} O CT CST PE 3kN 2 MM61	2	OM1 62.5/125	C02
60018741	UC ^{FIBRE} O CT CST PE 3kN 4 MM61	4	OM1 62.5/125	C02
60018743	UC ^{FIBRE} O CT CST PE 3kN 6 MM61	6	OM1 62.5/125	C02
60018746	UC ^{FIBRE} O CT CST PE 3kN 8 MM61	8	OM1 62.5/125	C02
60018749	UC ^{FIBRE} O CT CST PE 3kN 12 MM61	12	OM1 62.5/125	C02
60011298	UC ^{FIBRE} O CT CST PE 3kN 16 MM61	16	OM1 62.5/125	C02
60069234	UC ^{FIBRE} O CT CST PE 3kN 24 MM61	24	OM1 62.5/125	C02
60018976	UC ^{FIBRE} O CT CST PE 3kN 2 SM2D/A1	2	OS2 BendBright G.657.A1	C17

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60018850	UC ^{FIBRE} O CT CST PE 3kN 4 SM2D/A1	4	OS2 BendBright G.657.A1	C17
60018744	UC ^{FIBRE} O CT CST PE 3kN 6 SM2D/A1	6	OS2 BendBright G.657.A1	C17
60018747	UC ^{FIBRE} O CT CST PE 3kN 8 SM2D/A1	8	OS2 BendBright G.657.A1	C17
60018931	UC ^{FIBRE} O CT CST PE 3kN 10 SM2D/A1	10	OS2 BendBright G.657.A1	C17
60018750	UC ^{FIBRE} O CT CST PE 3kN 12 SM2D/A1	12	OS2 BendBright G.657.A1	C17
60011340	UC ^{FIBRE} O CT CST PE 3kN 16 SM2D/A1	16	OS2 BendBright G.657.A1	C17
60071175	UC ^{FIBRE} O CT CST PE 3kN 24 SM2D/A1	24	OS2 BendBright G.657.A1	C17

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