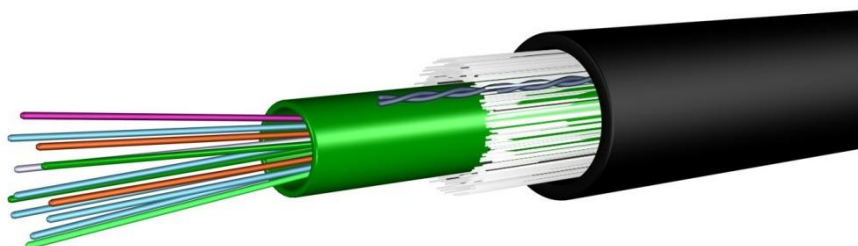
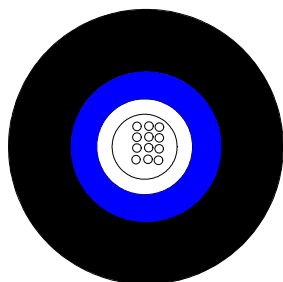


E08a: UC^{FIBRE} Outdoor Central Tube Cable

3000N central tube cable with up to 24 fibres, dielectric glass yarn armouring and LLDPE sheath. VDE: A-DQ(ZN)B2Y



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 LLDPE sheathing this cable is ideal for outdoor installation where the installation conditions are not too difficult. The cable features a high tensile strength and a degree of rodent protection, effective in many cases. It is equally suited for installation in ducts and on trays. The cable is well suited 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 gel-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	Water-blocked E-Glass fibre elements			
Sheath	1.2 mm black LLDPE sheath, IEC 60811, IEC 60708			
Sheath marking	Draka UCFIBRE O CT PE 3.0 kN <Fibre count> <Fibre type> <Fibre brand> <Item No> <factory code> <Batch Number> <Meter mark> A-DQ(ZN)B2Y <Fibre count> <Fibre family> <Mode field diameter> /125 <Transmission Class>			

E08a: UC^{FIBRE} Outdoor Central Tube Cable

Physical properties

IEC 60794-1-21/22

Property	Test method	Value
Nominal outer diameter	-	2 - 24 fibres: 6.7 mm
Nominal weight	-	2 - 24 fibres: 40 kg/km
Maximum installation tensile strength	E1	3000 N (fibre strain $\leq$ 0.6%)
Tensile strength (permanent)	E1	1000 N (fibre strain $\leq$ 0.2%)
Compressive strength (crush) (N/100mm)	E3	2000 N
Impact	E7	20 Nm (no attenuation change, no broken cable elements)
Torsion	E7	5 cycles $\pm$ 1 turn
Kink	E10	The cables do not form a kink when a loop is drawn together to a diameter of 200 mm
Min. bending radius, unloaded (permanent)	E11	R = 67 mm
Min. bending radius, loaded (installation)	-	R = 134 mm
Temperature range	F1	Storage: -40°C to +60°C (short term up to 70 °C) Installation: -15°C to +70°C Operation: -30°C to +70°C
Water penetration	F5B	No water on free end

E08a: UC^{FIBRE} Outdoor Central Tube Cable

Product codes – ordering information

Product code	Product description	Fibre count	Fibre type	Fibre data sheet
60029226	UC ^{FIBRE} O CT PE 3kN 2 OM2B	2	MaxCap-BB-OM2	C34
60011397	UC ^{FIBRE} O CT PE 3kN 4 OM2B	4	MaxCap-BB-OM2	C34
60020278	UC ^{FIBRE} O CT PE 3kN 6 OM2B	6	MaxCap-BB-OM2	C34
60011378	UC ^{FIBRE} O CT PE 3kN 8 OM2B	8	MaxCap-BB-OM2	C34
60011380	UC ^{FIBRE} O CT PE 3kN 12 OM2B	12	MaxCap-BB-OM2	C34
60019409	UC ^{FIBRE} O CT PE 3kN 16 OM2B	16	MaxCap-BB-OM2	C34
60073047	UC ^{FIBRE} O CT PE 3kN 24 OM2B	24	MaxCap-BB-OM2	C34
60020590	UC ^{FIBRE} O CT PE 3kN 2 OM3B	2	MaxCap-BB-OM3	C31
60020056	UC ^{FIBRE} O CT PE 3kN 4 OM3B	4	MaxCap-BB-OM3	C31
60047007	UC ^{FIBRE} O CT PE 3kN 8 OM3B	8	MaxCap-BB-OM3	C31
60019415	UC ^{FIBRE} O CT PE 3kN 12 OM3B	12	MaxCap-BB-OM3	C31
60073048	UC ^{FIBRE} O CT PE 3kN 24 OM3B	24	MaxCap-BB-OM3	C31
60019381	UC ^{FIBRE} O CT PE 3kN 4 OM4B	4	MaxCap-BB-OM4	C32
60019382	UC ^{FIBRE} O CT PE 3kN 8 OM4B	8	MaxCap-BB-OM4	C32
60047946	UC ^{FIBRE} O CT PE 3kN 12 OM4B	12	MaxCap-BB-OM4	C32
	UC ^{FIBRE} O CT PE 3kN 16 OM4B	16	MaxCap-BB-OM4	C32
60073125	UC ^{FIBRE} O CT PE 3kN 24 OM4B	24	MaxCap-BB-OM4	C32
60019593	UC ^{FIBRE} O CT PE 3kN 2 MM61	2	OM1 62.5/125	C02
60011341	UC ^{FIBRE} O CT PE 3kN 4 MM61	4	OM1 62.5/125	C02
60018761	UC ^{FIBRE} O CT PE 3kN 6 MM61	6	OM1 62.5/125	C02
60018819	UC ^{FIBRE} O CT PE 3kN 8 MM61	8	OM1 62.5/125	C02
60018766	UC ^{FIBRE} O CT PE 3kN 12 MM61	12	OM1 62.5/125	C02
60040811	UC ^{FIBRE} O CT PE 3kN 16 MM61	16	OM1 62.5/125	C02
60073106	UC ^{FIBRE} O CT PE 3kN 24 MM61	24	OM1 62.5/125	C02
60018939	UC ^{FIBRE} O CT PE 3kN 2 SM2D	2	OS2 G.652.D	C03
60018842	UC ^{FIBRE} O CT PE 3kN 4 SM2D	4	OS2 G.652.D	C03
60018762	UC ^{FIBRE} O CT PE 3kN 6 SM2D	6	OS2 G.652.D	C03
60018764	UC ^{FIBRE} O CT PE 3kN 8 SM2D	8	OS2 G.652.D	C03
60018767	UC ^{FIBRE} O CT PE 3kN 12 SM2D	12	OS2 G.652.D	C03
60018843	UC ^{FIBRE} O CT PE 3kN 16 SM2D	16	OS2 G.652.D	C03
60073046	UC ^{FIBRE} O CT PE 3kN 24 SM2D	24	OS2 G.652.D	C03
	UC ^{FIBRE} O CT PE 3kN 4 SM7A1	4	OS2 BendBright G.657.A1	C17
	UC ^{FIBRE} O CT PE 3kN 6 SM7A1	6	OS2 BendBright G.657.A1	C17
	UC ^{FIBRE} O CT PE 3kN 8 SM7A1	8	OS2 BendBright G.657.A1	C17
	UC ^{FIBRE} O CT PE 3kN 12 SM7A1	12	OS2 BendBright G.657.A1	C17
60073154	UC ^{FIBRE} O CT PE 3kN 24 SM7A1	24	OS2 BendBright G.657.A1	C17
	UC ^{FIBRE} O CT PE 3kN 4 SM7B	4	OS2 BendBright XS G.657.A2	C24
60031854	UC ^{FIBRE} O CT PE 3kN 6 SM7B	6	OS2 BendBright XS G.657.A2	C24
	UC ^{FIBRE} O CT PE 3kN 8 SM7B	8	OS2 BendBright XS G.657.A2	C24
	UC ^{FIBRE} O CT PE 3kN 12 SM7B	12	OS2 BendBright XS G.657.A2	C24
	UC ^{FIBRE} O CT PE 3kN 16 SM7B	16	OS2 BendBright XS G.657.A2	C24
	UC ^{FIBRE} O CT PE 3kN 24 SM7B	24	OS2 BendBright XS G.657.A2	C24
	UC ^{FIBRE} O CT PE 3 kN 24 SM2D MM61	24	Hybrid OS2 G.652.D + OM1 62.5/125	

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