

E07a: UC^{FIBRE} Universal central tube cable

Physical properties

Nominal outer diameter	-	2 - 16 fibres: 8.5 mm 24 fibres: 8.5 mm
Nominal weight	-	2 - 16 fibres: 75 kg/km 24 fibres: 85 kg/km
Tensile strength (dynamic)	E1	1000 N
Tensile strength (permanent)	E1	500 N
Compressive strength (crush)	E3	2000N
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 100 mm
Min. bending radius	E11	R = 55 mm
Temperature range	F1	Storage and installation: -40°C to +70°C Operation: -40°C to +70°C The max. attenuation variation in the operational temperature range is: For M6 and M5 fibres: 0.5 dB/km For SM fibres: 0.2 dB/km
Heat of combustion		2-16 fibres: 1200 MJ/km 0.33 kWh/m 24 fibres: 1300 MJ/km 0.36 kWh/m

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Product codes – ordering information

Prysmian group material code	Prysmian Group material description	Draka Material code	Fibre count	Fibre type	Fibre data sheet
60018752	UCFIBRE I/O CT N MA LSHF 1.0 kN 4 MM52		4	OM2 50/125 multimode 600/1200	C01
	UCFIBRE I/O CT N MA LSHF 1.0 kN 6 MM52		6	OM2 50/125 multimode 600/1200	C01
	UCFIBRE I/O CT N MA LSHF 1.0 kN 8 MM52		8	OM2 50/125 multimode 600/1200	C01
60018757	UCFIBRE I/O CT N MA LSHF 1.0 kN 12 MM52		12	OM2 50/125 multimode 600/1200	C01
	UCFIBRE I/O CT N MA LSHF 1.0 kN 24 MM52		24	OM2 50/125 multimode 600/1200	C01
	UCFIBRE I/O CT N MA LSHF 1.0 kN 4 MM52		4	MaxCap-BB-OM2	C34
	UCFIBRE I/O CT N MA LSHF 1.0 kN 6 MM52		6	MaxCap-BB-OM2	C34
	UCFIBRE I/O CT N MA LSHF 1.0 kN 8 MM52		8	MaxCap-BB-OM2	C34
	UCFIBRE I/O CT N MA LSHF 1.0 kN 12 MM52		12	MaxCap-BB-OM2	C34
	UCFIBRE I/O CT N MA LSHF 1.0 kN 24 MM52		24	MaxCap-BB-OM2	C34
	UCFIBRE I/O CT N MA LSHF 1.0 kN 4 OM3B		4	MaxCap-BB-OM3	C31
60020317	UCFIBRE I/O CT N MA LSHF 1.0 kN 6 OM3B	1027611	6	MaxCap-BB-OM3	C31
	UCFIBRE I/O CT N MA LSHF 1.0 kN 8 OM3B		8	MaxCap-BB-OM3	C31
	UCFIBRE I/O CT N MA LSHF 1.0 kN 12 OM3B		12	MaxCap-BB-OM3	C31
	UCFIBRE I/O CT N MA LSHF 1.0 kN 24 OM3B		24	MaxCap-BB-OM3	C31
	UCFIBRE I/O CT N MA LSHF 1.0 kN 4 OM4B		4	MaxCap-BB-OM4	C32
	UCFIBRE I/O CT N MA LSHF 1.0 kN 6 OM4B		6	MaxCap-BB-OM4	C32
	UCFIBRE I/O CT N MA LSHF 1.0 kN 8 OM4B		8	MaxCap-BB-OM4	C32
	UCFIBRE I/O CT N MA LSHF 1.0 kN 12 OM4B		12	MaxCap-BB-OM4	C32
	UCFIBRE I/O CT N MA LSHF 1.0 kN 24 OM4B		24	MaxCap-BB-OM4	C32
60018753	UCFIBRE I/O CT N MA LSHF 1.0 kN 4 MM61	1016997	4	OM1 62.5/125 multimode	C02
60018754	UCFIBRE I/O CT N MA LSHF 1.0 kN 6 MM61	1016999	6	OM1 62.5/125 multimode	C02
60018756	UCFIBRE I/O CT N MA LSHF 1.0 kN 8 MM61	1017002	8	OM1 62.5/125 multimode	C02
60018758	UCFIBRE I/O CT N MA LSHF 1.0 kN 12 MM61	1017005	12	OM1 62.5/125 multimode	C02
60019379	UCFIBRE I/O CT N MA LSHF 1.0 kN 24 MM61	1021558	24	OM1 62.5/125 multimode	C02
60019682	UCFIBRE I/O CT N MA LSHF 1.0 kN 4 SM2D	1024776	4	OS2 Single mode	C03e
60018755	UCFIBRE I/O CT N MA LSHF 1.0 kN 6 SM2D	1017000	6	OS2 Single mode	C03e
60033012	UCFIBRE I/O CT N MA LSHF 1.0 kN 8 SM2D	1017003	8	OS2 Single mode	C03e
60018759	UCFIBRE I/O CT N MA LSHF 1.0 kN 12 SM2D	1017006	12	OS2 Single mode	C03e
	UCFIBRE I/O CT N MA LSHF 1.0 kN 24 SM2D	1017007	24	OS2 Single mode	C03e

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