

UC^{FIBRE} I/O Di N LSHF ES9

ES9 tight buffer, 2- 24 fibres, Glass yarns, FireBur[®] sheath

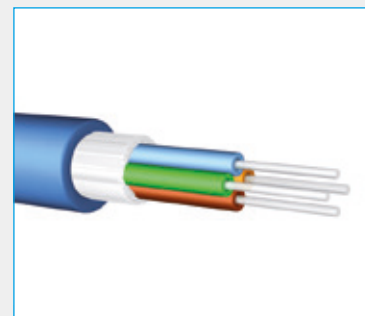
7.1. Cable

Construction

Fibre	2 - 24 ES9 tightly buffered fibres 900 nm ± 50 nm
Strength member	E- Glass rovings
Sheath	1.1 mm blue FireBur [®] / LSHF fire retardant, UV stabilised, EN 50290-2-27

Physical properties

Property	Value	
Permanent tensile strength	2, 4, 6, 8 and 12 fibres	500 N
	16 fibres	1000 N
	24 fibres	1500 N
Maximum installation load	2, 4, 6, 8 and 12 fibres	1500 N
	16 fibres	2100 N
	24 fibres	2400 N
Impact	20 J	
Crush (compressive strength)	3000 N/ 100 mm	
Torsion	5 cycles ± 1 turn	
Temperature range	Operation and installation	-20 °C to 70 °C
	Storage	-40 °C to 70 °C



Fire rating

IEC 60332-1-2	Single vertical wire test
IEC 60754-1	No halogens
IEC 60754-2	No acid matters
IEC 61034-2	No dense smoke

Standards

EN 187 000
IEC 60794-2
IEC 60794-2-20;
ISO 11801 2nd edition; EN 50173-1

Technical data

Item No.	Fibre count	Product code	Fibre type	Diameter	Weight
				mm	kg/km
60019530	4	UC ^{FIBRE} I/O Di N LSHF ES9 4 OM3 BB	MaxCap-BB-OM3 multimode fibre	6.5	34
60019531	8	UC ^{FIBRE} I/O Di N LSHF ES9 8 OM3 BB	MaxCap-BB-OM3 multimode fibre	7.0	39
60019532	12	UC ^{FIBRE} I/O Di N LSHF ES9 12 OM3 BB	MaxCap-BB-OM3 multimode fibre	7.0	43
60019533	16	UC ^{FIBRE} I/O Di N LSHF ES9 16 OM3 BB	MaxCap-BB-OM3 multimode fibre	8.0	52
60019534	24	UC ^{FIBRE} I/O Di N LSHF ES9 24 OM3 BB	MaxCap-BB-OM3 multimode fibre	8.5	63
60019535	4	UC ^{FIBRE} I/O Di N LSHF ES9 4 OM3 BB	MaxCap-BB-OM4 multimode fibre	6.5	34
60019536	8	UC ^{FIBRE} I/O Di N LSHF ES9 8 OM3 BB	MaxCap-BB-OM4 multimode fibre	7.0	39
60019537	12	UC ^{FIBRE} I/O Di N LSHF ES9 12 OM3 BB	MaxCap-BB-OM4 multimode fibre	7.0	43
60019538	16	UC ^{FIBRE} I/O Di N LSHF ES9 16 OM3 BB	MaxCap-BB-OM4 multimode fibre	8.0	52
60019539	24	UC ^{FIBRE} I/O Di N LSHF ES9 24 OM3 BB	MaxCap-BB-OM4 multimode fibre	8.5	63