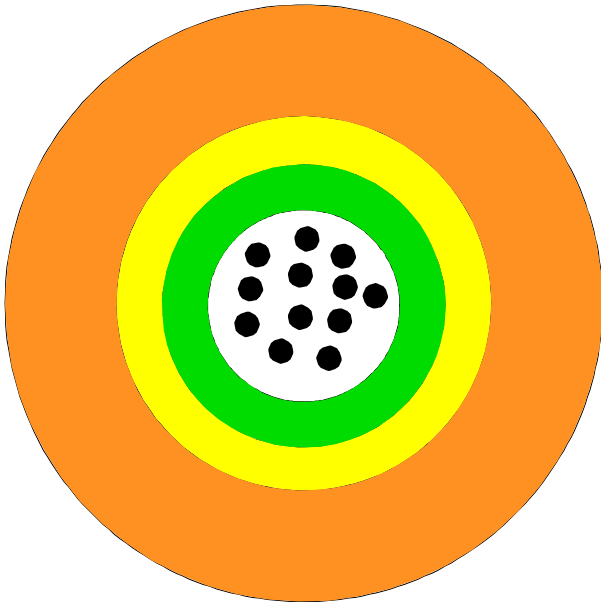


Indoor central tube cable

1000N central tube cable with 4 fibres, aramid yarns and FireRes[®] LSHF-FR sheath. VDE: J-D(ZN)H



Application and installation

This cable can be used for LAN backbones, where an IEC 60332-3-24 (IEC 60332-3C) fire test is requested, and rodent protection is not an issue.

The cable can be installed on trays and in ducts.

Standards

EN 187 000, IEC 60794-2, IEC 60794-2-20, IEC 60794-2-21, ISO 11801 2nd edition, EN 50 173-1

Flame resistance

IEC 60332-1-2, IEC 60332-3-24 = IEC 332-3C, IEC 60754-1, IEC 60754-2, IEC 61034-2

Construction

Loose tube	ø2.8 mm jelly filled loose tube with 4 fibres	
Fibre colour code	1	Red
	2	Green
	3	Blue
	4	Yellow
Strength member	High modulus aramid yarns	
Sheath	1.5 mm orange FireRes [®] sheath, UV stabilised, EN 50290-2-27	
Sheath marking	OPTICAL FIBRE CABLE 4 SM 1310/1550NM DRAKA UT004SM-50-1551 <årstal> <meter> M	

Indoor central tube cable

Physical properties

Attribute	IEC 60794-1-2 Method	Limits
Nominal outer diameter	-	6 mm
Nominal weight	-	35 kg/km
Tensile strength (dynamic)	E1	1000 N
Tensile strength (permanent)	E1	500 N
Compressive strength (crush)	E3	1500N
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 12 times the cable nominal diameter
Min. Bending radius	E11	R = 100 mm
Temperature range	F1	Storage and installation: -20°C to +55°C Operation: -5°C to +40°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	-	650 MJ/km = 0.18 kWh/m

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