

# Fibre optic cables

## LTC CS

### LTC CS

Robust, metallic loose tube outdoor cable, armoured with corrugated steel tape (excellent rodent resistance), longitudinal water-protected. Installation: blowing into conduits, on cable trays or directly buried

Characteristics for use	Properties	Unit
Product group	Single mode 9/125	
Series	Glasvezelkabel Single Mode	
Type	LTC CS	
Standardization	IEC 60794-1-2	
Optical fibre standard	See type table	
Halogen free (acc. EN 50267-2-2)	Yes	
Longitudinal water blocking	Yes	
Radial water blocking	See type table	
Strain relief	Yes	
UV resistant	Yes	
Rodent resistant	See type table	
Rodent protected	See type table	
Termite protected	See type table	
Installable by blowing	See type table	
Cable metal free	No	
Armouring	See type table	
Application	Outside	
Type of tube	Loose tube, gel filled	
Fibre Type	Single mode	
Material outer sheath	See type table	
Colour outer sheath	Black	
Tensile load	See type table	N
Transportation and storage temperature	-30 / 70	°C
Installation temperature	-5 / 50	°C
Operation temperature range	-30 / 70	°C
Construction and Colour codes	zie bijlagen	

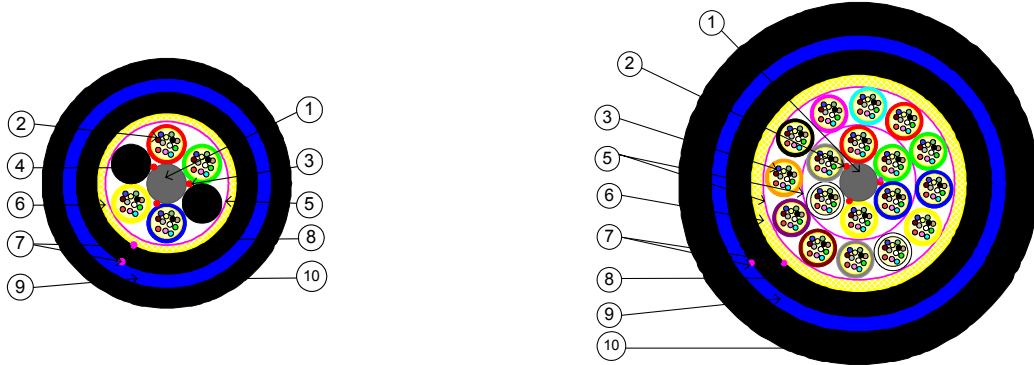
Art. Number TKF	Construction	Optical fibre standard	Colour outer sheath	Net weight (kg.km)	Bending radius after	Outer diameter (mm)
69593	12 x Single mode (6 x 2)	ITU-T G.652.B	black	201	220	14,8
69595	48 x Single mode (4 x 12)	ITU-T G.652.D	black	216	220	14,8

## Product information

# Cable construction and colour code

LTC CS

FO cable with stranded loose tubes  
Corrugated Steel protection



### Description:

- 1 Centre element, FRP optional with over sheath
- 2 Water blocking yarns or tape (optional jelly filling)
- 3 Loose tube with optical fibres (2, 4, 6, 8, 12 or 24 fibres per tube)
- 4 Filler
- 5 Water blocking tape (optional jelly filling)
- 6 Glass yarn strength members (optional)
- 7 Ripcord (optional)
- 8 Inner sheath (PE) (optional)
- 9 Corrugated steel
- 10 Outer sheath (HDPE)

### Standard Colours

Fibres		Tubes			
Group 1	Group 2	Layer 1	Layer 2	Layer 3	
1 Red	13 Red +t	1 Red	1 Red	1 Red	
2 Green	14 Green +t	2 Green	2 Green	2 Green	
3 Blue	15 Blue +t	3 Blue	3 Blue	3 Blue	
4 Yellow	16 Yellow +t	4 Yellow	4 Yellow	4 Yellow	
5 White	17 White +t	5 White	5 White	5 White	
6 Grey	18 Grey +t	6 Grey	6 Grey	6 Grey	
7 Brown	19 Brown +t	7 Brown	7 Brown	7 Brown	
8 Violet	20 Violet +t	8 Violet	8 Violet	8 Violet	
9 Turquoise	21 Turquoise +t	9 Orange	9 Orange	9 Orange	
10 Black	22 Natural	10 Black	10 Black	10 Black	
11 Orange	23 Orange +t	11 Pink	11 Pink	11 Pink	
12 Pink	24 Pink +t	12 Turquoise	12 Turquoise	12 Turquoise	
		13	13 Red	13 Red	
		14	14 Green	14 Green	
		15	15 Blue	15 Blue	
		16	16 Yellow	16 Yellow	