LCTMC 24 A1 1X24 HDPE

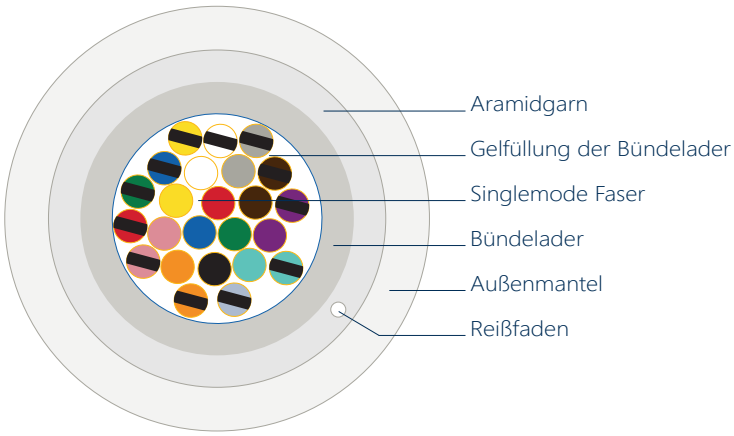
Mikrokabel mit HDPE Mantel, 24 Fasern, A-DQ(ZN)2Y HDPE, G.657.A1

Features

- Geringer Kabeldurchmesser durch Singletube- Design
- Singlemode, biegeunempfindliche G.657A1 Faser
- Aussenmantel besteht aus HDPE (High Density Polyethylen)
- Metrierung am Kabel, inkl. Beschreibung via Inkjetdruck
- Faserbündel mit Wasserabweisenden Gel gefüllt
- Metallfreie Konstruktion
- Einblasfähig in Mikrorohrsysteme
- Geeignet für Anwendungen im Aussenbereich
- UV Beständig nach ISO 4892/2
- Zugentlastung durch Aramidgarn

Color Code of the Fiber

1	2	3	4	5	6
Red	Green	Blue	Yellow	White	Grey
7	**8**	**9**	**10**	**11**	**12**
Brown	Violet	Aqua	Black	Orange	Pink
13	**14**	**15**	**16**	**17**	**18**
Red w/ black ring	Green w/ black ring	Blue w/ black ring	Yellow w/ black ring	White w/ black ring	Grey w/ black ring
19	**20**	**21**	**22**	**23**	**24**
Brown w/ black ring	Violet w/ black ring	Aqua w/ black ring	Natural w/ black ring	Orange w/ black ring	Pink w/ black ring



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Dimensions and Descriptions		
Item	**contents**	**Value 24**
		24
Loose tube	Outer diameter	2.6
Strength member	Material	Aramid yarns
Sheath	Material	PE
	Color	BLACK
	Thickness (mm)	Nominal: 0.5
Ripcord	Number	1
Cable diameter (mm)		3.8 ±0.3
Cable weight (kg/km)		Approx. 14

Item	**Value 12**
Tensile performance (N)	150
Crush (N/100mm)	500
Operation temperature:	-20°C - +70°C
Installation temperature	-20°C - +60°C
Storage temperature	-20°C - +70°C

Mechanical, Physical and Environmental Test Characteristics

The mechanical and environmental performance of the cable are in accordance with the following table. Unless otherwise specified, all attenuation measurements required in this section shall be performed at 1550nm

Items	Test Method	Requirements
Tension	"IEC 60794-1-2-E1 Load: 150N Sample length: Not less than 50m. Duration time: 1min"	"Additional attenuation: ≤0.1dB after test No damage to outer jacket and inner elements "
Crush	"IEC 60794-1-2-E3 Load: 500N Duration of load: 1min"	"Additional attenuation: ≤0.1dB after test No damage to outer jacket and inner elements"
Bend	"IEC 60794-1-2-E11A Mandrel radius: 10*D Turns:4 Cycles:3"	"Additional attenuation: ≤0.1dB No damage to outer jacket and inner elements"
Torsion	"IEC 60794-1-2-E7 Cycles:10 Length under test: 1m Turns: ±90° Load: 150N"	"Additional attenuation: ≤0.1dB No damage to outer jacket and inner elements"
WaterPenetration	"IEC 60794-1-2-F5B Time : 24 hours Sample length : 3m Water height : 1m"	No water leakage.
Temperature cycling	"IEC 60794-1-2-F1 Sample length: at least 1000m Temperature range: -20□~+70□ Cycles: 2 Temperature cycling test dwell time: 12 hours"	The change in attenuation coefficient shall be less than 0.1dB/km
Other parameters	According to IEC 60794-1, IEC60332-1-2	