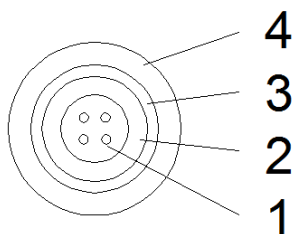


DUCT MICRO CABLE FYORMU MICRO 4,0



1. Optical fibres	2. Core tube	3. Strength members	4. Outer sheath
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Application	Optical fibre cable for microduct installation by blowing.		
Construction	Optical fibres	Coloured single-mode fibres according to the ITU-T G.657.A1.	
	Secondary coating	A plastic core tube with jelly filling.	
	Strength members	Aramide yarns under the sheath. They can also be used as a rip cord to split the outer sheath.	
	Outer sheath	UV resistant black polyethylene compound (HDPE). Nominal sheath thickness is 0,4 mm.	
	Marking	Marking printed on the sheath at one meter interval: Nestor Cables - Cable type - lot number - year of manufacture - length marking	
Standard references	Cable properties	IEC 60794-5-10	
	Test methods	IEC 60794-1-2x	
	Halogen free	IEC/EN 60754-2	
	Reaction to fire	EN50575:2014+A1:2016 class Fca	



Maximum cabled fibre attenuation					
Wavelength	1310	1383	1550	1625	nm
Attenuation	0,36	0,36	0,22	0,24	dB/km

Nominal dimensions						
Fibres		Diameter [mm]		Weight [kg/km]	Minimum bending radius [mm]	
Count	Grouping	Core tube	Cable	Cable	Dynamic	Static
2	1×2	3,0	4,0	13	80	60
4	1×4	3,0	4,0	13	80	60
8	1×8	3,0	4,0	13	80	60
12	1×12	3,0	4,0	13	80	60

Colour coding	
Number of fibres	Colour of the fibres
2	blue, orange
4	blue, orange, green, brown
8	blue, orange, green, brown, grey, white, red, black
12	blue, orange, green, brown, grey, white, red, black, yellow, violet, pink, turquoise
Colour coding standard	ANSI/EIA/TIA 598-C

Cable characteristics		
Max. tension	- Fibre elongation $\leq 0,33$ %, change in attenuation after test $\leq 0,05$ dB	300 N
Crush strength	-With 100 mm plate	1000 N
Bending radius	- During installation (dynamic)	20 x Diameter
	- Final installation (static)	15 x Diameter
Temperature range	- Operation	-30 to +60 °C
	- Installation, storage, transport	-15 to +60 °C
Water penetration		< 3 m, 24 h
Reaction to fire	- EN50575:2014+A1:2016	Fca

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