

SIROCCO Nano IO

Loose Tube Optical Minicables for use in Ducts



SIROCCO

GENERAL INFO

APPLICATION

This loose tube dielectric optical cable is designed for Indoor/outdoor installation in ducts and microducts by blowing techniques.

Sheath colour and cabled fibre datasheet:

- SM Black C06
- SM Orange C06

Reaction-to-fire, CPR classification

Eca

Identification of cores

Colour coding FIN2012

CERTIFICATIONS AND DESIGN STANDARDS

CE RoHS



EN 50575:2014+A1:2016
IEC 60754-1

EN 13501-6, class Eca
IEC 60754-2

IEC 60794-1

IEC 60332-1

CABLE DESIGN

Range

From 12 to 96 fibres

With strain relief

Yes

Longitudinal water blocking cable

Yes

Radial water blocking cable

Yes

Rip cord

Yes

Outer sheath

HFFR

Type of tube

Stranded loose tube

Cable metal free

Yes

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APPLICATION PROPERTIES

Permitted cable outer temperature after assembling without vibration (min) [°C]	-40
Permitted cable outer temperature after assembling without vibration (max) [°C]	70
Crush (acc. IEC 60794-1-21, E3) [N/10cm]	350
UV resistant	Yes
Permitted cable outer temperature during assembling/handling (min) [°C]	-10
Permitted cable outer temperature during assembling/handling (max) [°C]	60
Minimum permissible bending radius during laying	20 x D under maximum tension, 10 x D without tension
Blow in	Yes

FIRE PROPERTIES

Reaction-to-fire, CPR classification	Eca
Flame retardant	In accordance with EN 13501-6
Halogen free	acc. IEC/EN 60754-1/2
Low smoke	acc. IEC/EN 61034-2
Low smoke (acc. IEC 61034-2)	Yes

DELIVERY INFO

Product description (short)	Snro	DOP number	Diameter over cable [mm]	Max. tensile strength during installation [kN]	Weight [kg/km]	Standard delivery length
12xSM	0241028	1004123	7	0.7	45	4,000
2x12xSM	0241029	1004123	7	0.7	45	4,000
4x12xSM OR	0241993	1004123	7	0.7	45	4,000
4x12xSM	0241030	1004123	7	0.7	45	4,000
8x12xSM	0202116	1004123	8.2	1	60	4,000

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