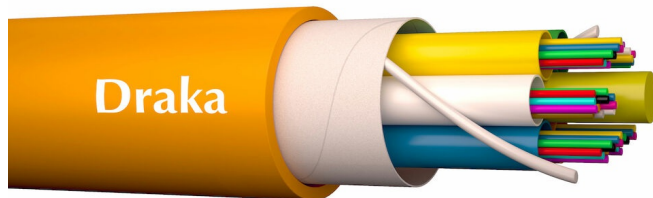


## FZOMSU-SD Eca

### Universal Stranded Loose Tube Cable



**Afumex**®

## GENERAL INFO

### APPLICATION

This is a Universal indoor/outdoor cable for application as a trunk cable in LAN, MAN and WAN backbones. The cable can be installed ducts and on cable trays. The cable may be installed directly in the ground with proper sand filling.

Sheath colour and cabled fibre datasheet:

- SM BB Orange C17 or C38
- SM BB + OMx Orange
- OM1 Orange C02
- OM3 BB Orange C31
- OM4 BB Blue C32
- OM5 BB Blue C39

Fibre colour coding FIN2012 or IEC 60304 (MM OM4 BB and MM OM5 BB)

Reaction-to-fire, CPR classification

Eca

## CERTIFICATIONS AND DESIGN STANDARDS



**RoHS**



EN 61034-2

EN 50575:2014+A1:2016

IEC 60794-2-20

IEC 60332-1-2

EN 13501-6, class Eca

IEC 60794-2-21

IEC 60754-1

EN 50173-1

IEC 60754-2

IEC 60794-2

## CABLE DESIGN

Range	From 6 to 288 fibres
With strain relief	Yes
Longitudinal water blocking cable	Yes
Radial water blocking cable	Yes
Rip cord	Yes
Outer sheath	Thermoplastic polymer
Type of tube	Stranded loose tube
Cable metal free	Yes

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This specification is not contractually valid unless specifically authorised by Prysmian Group.

## 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]	3,000
UV resistant	Yes
Permitted cable outer temperature during assembling/handling (min) [°C]	-15
Permitted cable outer temperature during assembling/handling (max) [°C]	60
Underground installation	Yes
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 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
4x6xSM BB	0241914	1014772	10.5	1.8	90	2,000
4x12xSM BB	0242749	1014734	10.5	1.8	90	2,000
8x12xSM BB	0241928	1014796	12	1.8	125	2,000
16x12xSM BB	0241936	1016348	15	1.8	190	2,000
4x6xOM1	0242759		10.5	1.8	90	2,000
4x12xOM1	0242761		10.5	1.8	90	2,000
2x4xSM BB+2x4xOM1	0242775		10.5	1.8	90	2,000
2x6xSM BB+2x6xOM1	0242777		10.5	1.8	90	2,000
2x12xSM BB+2x12xOM1	0241991	1016292	10.5	1.8	90	2,000
2x6xSM BB+2x6xOM3 BB	0241938		10.5	1.8	90	2,000
4x6xOM3 BB	0242765		10.5	1.8	90	2,000
4x12xOM4 BB	0241262		10.5	1.8	90	2,000
8x12xOM4 BB	0241263		12	1.8	125	2,000
2x12xOM5 BB	0241264		10.5	1.8	90	2,000
4x12xOM5 BB	0241265		10.5	1.8	90	2,000
8x12xOM5 BB	0241266		12	1.8	125	2,000