

MHS-LSZH Eca

Indoor installation cable



GENERAL INFO

APPLICATION	Telecommunication cable for indoor installation. Cable fulfils IEC 60332-1 flame retardance test.
Declaration of Performance (DoP)	Ref. nro 1004873 and 1003851
Identification of cores	SFS 5739
Nominal voltage U [V]	75

CERTIFICATIONS AND DESIGN STANDARDS



SFS 5739	EN 50575:2014+A1:2016	EN 13501-6, class Eca	IEC 60332-1
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CABLE DESIGN

Conductor	Copper
Conductor surface	Tinned
Insulation	Polyethylene (PE)
Drain wire	Yes
Screen over stranding	Foil
Outer sheath	Thermoplastic polymer

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## APPLICATION PROPERTIES

Max. conductor temperature [°C]	70
Permitted cable outer temperature after assembling without vibration (min) [°C]	-5
Permitted cable outer temperature during assembling/handling (min) [°C]	-5
Minimum permissible bending radius during laying	15 x D under maximum tension 7 x D without tension

## FIRE PROPERTIES

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

## PRODUCT RANGE

PRODUCT NAME	Snro	DOP number	Diameter over cable [mm]	Weight [kg/km]	Packaging type	Standard delivery length
MHS-LSZH Eca 1x4x0,5 R100	0202404	1004873	4.8	25	Coil	100
MHS-LSZH Eca 1x4x0,5 R300	0202406	1004873	4.8	25	Coil	300
MHS-LSZH Eca 3x2x0,5 R200	0202410	1003851	5.5	36	Coil	200
MHS-LSZH Eca 5x2x0,5 R150	0202414	1003851	7	50	Coil	150
MHS-LSZH Eca 10x2x0,5 R200	0202418	1003851	8	80	Coil	200
MHS-LSZH Eca 20x2x0,5	0202420	1003851	10	130	Drum	1,000
MHS-LSZH Eca 30x2x0,5	0202424	1003851	11.5	185	Drum	1,000
MHS-LSZH Eca 50x2x0,5	0202426	1003851	14.5	270	Drum	1,000