

Data and communication cable Tunnel Safe J-H(St-C)-H B2ca



Application	: Halogen free signalcable with aluminium foil and additional braiding for use in tunnels
TECHNICAL DATA	: TYPE J-H(St-C)-H B2ca
Standards	: CPR B2ca
Remarks	: Aluminium-polyester foil with tinned wire braiding. Colour coded according to NEN 1597-pairs.
Stranding element	: Pairs
Conductor material	: Copper, bare
Conductor category	: Class 1 = solid
Core insulation material	: Copolymer, thermoplastic
Core identification	: Colour
Stranding	: Bundle
Material outer sheath	: Copolymer, thermoplastic
Screen over stranding element	: None
Screen over stranding	: Foil + braiding
Halogen free (acc. IEC 60754-2)	: Yes
Longitudinal water blocking	: No
Halogen free (acc. EN 60754-1/2)	: Yes
Radial water blocking	: No
Low smoke (acc. IEC 61034-2)	: Yes
Protective sheath	: No
Low smoke (acc. BS EN 61034-2)	: Yes
Armouring	: No
Oil resistant (acc. IEC 60811-404)	: No
Colour outer sheath	: Grey
Permitted cable outer temperature after assembling without vibration	: -30°C to 80°C
Flame retardant	: In accordance with EN 60332-3-24
Smoke development class according to EN 13501-6	: s1
Circuit integrity	: No
Euro class acidity according to EN 13501-6	: a1
Outdoor use permitted	: Yes
Reaction-to-fire class according to EN 13501-6	: B2ca
Euro class flaming droplets/particles according to EN 13501-6	: d0
UV resistant	: No
Armouring/reinforcement	: None
Conductor surface	: Bare
	: No
Longitudinal water blocking cable	: No
Radial water blocking cable	: No



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Oil resistant (acc. EN 60811-404)
Underground installation

: Round
: No
: No
: No
: No
: No
: Yes



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ProductNr	Dimension	Conductor Diameter (mm)	Number of stranding elements	Outer diameter approx. (mm)
0160101	1 x 2 x 0.8	0.8	1	5.7
0160301	1 x 2 x 1	1	1	7.6
0160401	1 x 2 x 1.5	1.5	1	8.4
0160501	1 x 2 x 2.5	2.5	1	9.3
0160102	2 x 2 x 0.8	0.8	2	7.5
0160302	1 x 4 x 1	1	1	11
0160402	2 x 2 x 1.5	1.5	2	11.4
0160502	2 x 2 x 2.5	2.5	2	14.4
0160103	3 x 2 x 0.8	0.8	3	8
0160303	1 x 6 x 1	1	1	11.9
0160403	3 x 2 x 1.5	1.5	3	12.3
0160503	3 x 2 x 2.5	2.5	3	15.6
0160104	4 x 2 x 0.8	0.8	4	8.9
0160106	6 x 2 x 0.8	0.8	6	10.6
0160108	8 x 2 x 0.8	0.8	8	11.5
0160110	10 x 2 x 0.8	0.8	10	13.1
0160112	12 x 2 x 0.8	0.8	12	13.6