

Data and communication cable Jobcom ATEX-d RE-2X(ST)YSWBYfl



Application	: Instrumentation cable for signalling and control applications in low-voltage installations. Especially suited for ATEX EX-d applications. The cable passes the restricted breathing test in Annex E.1.
TECHNICAL DATA	: TYPE RE-2X(ST)YSWBYfl
Standards	: NEN-EN 50288-7
Remarks	: According to NEN standard: without communication core. Cores white and black in pairs. Numbered per pair (white 1, black 1 etc.). UV resistant acc. to UL1581, s.1200. Oil resistant acc. to ICEA S-73-532. Capacitance c/c 1 pair: max. 100 nF/km; 2 pairs and more: max. 75 nF/km. Inductance at 1 kHz: max. 1 mH/km. Printing cable: JOBCOM EX Type 1 E.1.
Conductor material	: Copper, bare
Conductor category	: Class 2 = stranded
Core insulation material	: Crosslinked polyethylene (XLPE)
Core identification	: Numbers
Stranding	: Layers
Material outer sheath	: Polyvinyl chloride (PVC)
Screen over stranding element	: None
Screen over stranding	: Foil + braiding
Halogen free (acc. IEC 60754-2)	: No
Longitudinal water blocking	: No
Halogen free (acc. EN 60754-1/2)	: No
Radial water blocking	: No
Low smoke (acc. IEC 61034-2)	: No
Protective sheath	: No
Insulation integrity in accordance with IEC 60331	: No
Low smoke (acc. BS EN 61034-2)	: No
Armouring	: Yes
Oil resistant (acc. IEC 60811-404)	: Yes
Permitted cable outer temperature during assembling/handling	: -5°C to 50°C
Permitted cable outer temperature after assembling without vibration	: -30°C to 70°C
Flame retardant	: In accordance with EN 60332-3-24
Circuit integrity	: No
Outdoor use permitted	: Yes
UV resistant	: Yes



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Armouring/reinforcement	: Braiding
Conductor surface	: Bare
	: No
Longitudinal water blocking cable	: No
Radial water blocking cable	: No
	: Steel
	: Round
Oil resistant (acc. EN 60811-404)	: No
Underground installation	: Yes
	: No
	: No
	: No
	: Yes



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ProductNr	Dimension	Stranding element	Conductor Diameter (mm)	Colour outer sheath	Number of stranding elements	Outer diameter approx. (mm)
0191015	1 x 2 x 0.75	Pairs	0.75	Black	1	9.5
0191021	1 x 2 x 0.75	Pairs	0.75	Blue	1	9.5
0191033	1 x 2 x 1.3	Pairs	1.3	Black	1	10.5
0191032	1 x 2 x 1.3	Pairs	1.3	Blue	1	10.5
0191030	1 x 3 x 0.75	Triple	0.75	Black	1	9.8
0191031	1 x 3 x 0.75	Triple	0.75	Blue	1	9.8
0191050	1 x 3 x 1.3	Triple	1.3	Black	1	10.9
0191051	1 x 3 x 1.3	Triple	1.3	Blue	1	10.9
0191016	2 x 2 x 0.75	Pairs	0.75	Black	2	12.5
0191022	2 x 2 x 0.75	Pairs	0.75	Blue	2	12.5
0191034	2 x 2 x 1.3	Pairs	1.3	Black	2	14.1
0191042	2 x 2 x 1.3	Pairs	1.3	Blue	2	14.1
0191017	4 x 2 x 0.75	Pairs	0.75	Black	4	14.5
0191023	4 x 2 x 0.75	Pairs	0.75	Blue	4	14.5
0191035	4 x 2 x 1.3	Pairs	1.3	Black	4	16.2
0191043	4 x 2 x 1.3	Pairs	1.3	Blue	4	16.2
0191036	6 x 2 x 1.3	Pairs	1.3	Black	6	19
0191018	8 x 2 x 0.75	Pairs	0.75	Black	8	16.5