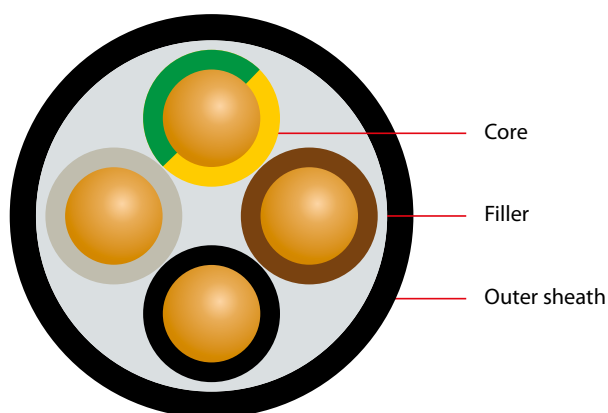


2XY-O/J (R2V) 0.6/1kV

acc. to NF C 32-321, IEC 60502

**APPLICATION**

For use on industrial sites. Particularly suited to cases of high operating temperatures and when high resistance to UV radiation and atmospheric agents is required. Good resistance to low temperatures and chemical agents. Can be used without additional mechanical protection in the open air, fixed to walls or in channels, inside gangways or in empty spaces in constructions in general. Can be laid underground with mechanical protection constructed from slabs, tiles, or bricks.

CONSTRUCTION**Conductor:** copper, bare, single-wire or multi-wire**Core insulation:** XLPE (cross-linked polyethylene)**Core identification:** colours acc. to DIN VDE 0293**Core stranding:** cores twisted to layers**Outer sheath:** PVC; colour: black;POINT DE VUE (coloured stripes): 1.5 mm² pink, 2.5 mm² yellow, 4 mm² purple, 6 mm² blue, 10 mm² brown, 16 mm² grey**BEHAVIOUR UNDER FIRE CONDITIONS**

Flame retardant: VDE 0472-804/IEC 60332-1

ELECTRICAL CHARACTERISTICSNominal voltage U_0 / U 0.6/1 kV

Test voltage 3.5 kV

THERMAL & MECHANICAL PROPERTIES

Operating temperature -25°C to +60°C

Temperature at conductor max. +90°C

CONDUCTOR TYPES

(acc. to DIN VDE 0295)

RE round, single-wire

RM round, multi-wire

RMv round, multi-wire, compressed SM sectorial form, multi-wire

SMv sectorial form, multi-wire, compressed

No. of cores and cross section		Diameter approx. mm	Cable weight approx. kg/km	Copper index kg/km
2XY-O				
1 x 1.5	RE	5.4	33	14.4
1 x 2.5	RE	5.8	43	24
1 x 4	RE	6.3	58	38
1 x 6	RM	6.8	81	58
1 x 10	RM	8.1	121	96
1 x 16	RM	9.1	177	154
1 x 25	RM	10.8	268	240
1 x 35	RM	11.9	358	336
1 x 50	RM	13.3	479	480
1 x 70	RM	14.5	673	672
1 x 95	RM	16.4	922	912
1 x 120	RM	18.2	1154	1152
1 x 150	RM	19.9	1415	1440
1 x 185	RM	22.2	1785	1776
1 x 240	RM	25.0	2304	2304
1 x 300	RM	27.5	2888	2880
1 x 400	RM	30.4	3780	3840
1 x 500	RM	32.5	4640	4800
2 x 1.5	RE	9.6	93	29
2 x 2.5	RE	10.4	121	48
2 x 4	RE	11.3	164	77
2 x 6	RM	12.8	229	115
2 x 10	RM	15.3	335	192
2 x 16	RM	17.4	478	307
2 x 25	RM	20.8	729	480
2 x 35	RM	23.4	955	672
3 x 1.5	RE	10.0	108	43
3 x 2.5	RE	10.9	144	72
3 x 4	RE	11.9	198	115
3 x 6	RM	13.5	280	173
3 x 10	RM	16.2	418	288
3 x 16	RM	18.4	608	461
3 x 25	RM	22.1	932	720
3 x 35	RM	24.9	1236	1008
3 x 50	RM	27.9	1657	1440
3 x 95	RM	34.6	3191	2736
3 x 120	RM	39.2	4009	3456
3 x 150	RM	43.1	4942	4320
3 x 185	RM	48.7	6270	5328
3 x 240	RM	54.5	8108	6912

Subject to changes due to technical progress and error



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No. of cores and cross section		Diameter approx. mm	Cable weight approx. kg/km	Copper index kg/km	No. of cores and cross section		Diameter approx. mm	Cable weight approx. kg/km	Copper index kg/km
2XY-O					2XY-J				
4 x 1.5	RE	10.8	128	58	3 x 1.5	RE	10.0	108	43
4 x 2.5	RE	11.7	174	96	3 x 2.5	RE	10.9	144	72
4 x 4	RE	12.9	242	154	3 x 4	RE	11.9	198	115
4 x 6	RM	14.6	344	230	3 x 10	RM	16.2	418	288
4 x 10	RM	17.6	519	384	3 x 16	RM	18.4	608	461
4 x 16	RM	20.1	764	614	3 x 25	RM	22.1	932	720
4 x 25	RM	24.2	1187	960	4 x 1.5	RE	10.8	128	58
4 x 35	RM	27.3	1584	1344	4 x 2.5	RE	11.7	174	96
4 x 50	RM	30.9	2115	1920	4 x 4	RE	12.9	242	154
4 x 70	RM	34.0	2993	2688	4 x 6	RM	14.6	344	230
4 x 95	RM	38.3	4081	3648	4 x 10	RM	17.6	519	384
4 x 120	RM	43.5	5149	4608	4 x 16	RM	20.1	764	614
4 x 150	RM	47.8	6316	5760	4 x 25	RM	24.2	1187	960
4 x 185	RM	53.9	8032	7104	4 x 35	RM	27.3	1584	1344
4 x 240	RM	59.9	10389	9216	4 x 50	RM	30.9	2115	1920
					4 x 70	RM	34.0	2993	2688
					4 x 95	RM	38.3	4081	3648
					5 x 1.5	RE	11.6	150	72
					5 x 2.5	RE	12.6	205	120
					5 x 4	RE	13.9	288	192
					5 x 6	RM	16.6	410	288
					5 x 10	RM	19.1	624	480
					5 x 16	RM	22.0	941	768
					5 x 25	RM	26.5	1454	1200
					5 x 35	RM	29.9	1960	1680
					7 x 1.5	RE	12.4	188	101
					7 x 2.5	RE	13.6	264	168
					12 x 1.5	RE	15.6	287	173
					12 x 2.5	RE	17.3	412	288
					19 x 1.5	RE	18.0	420	274
					19 x 2.5	RE	20.0	613	456
					24 x 1.5	RE	20.8	525	346
					27 x 1.5	RE	21.2	625	389
					27 x 2.5	RE	23.9	833	648
					37 x 1.5	RE	23.6	760	533
					37 x 2.5	RE	26.4	1128	888

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