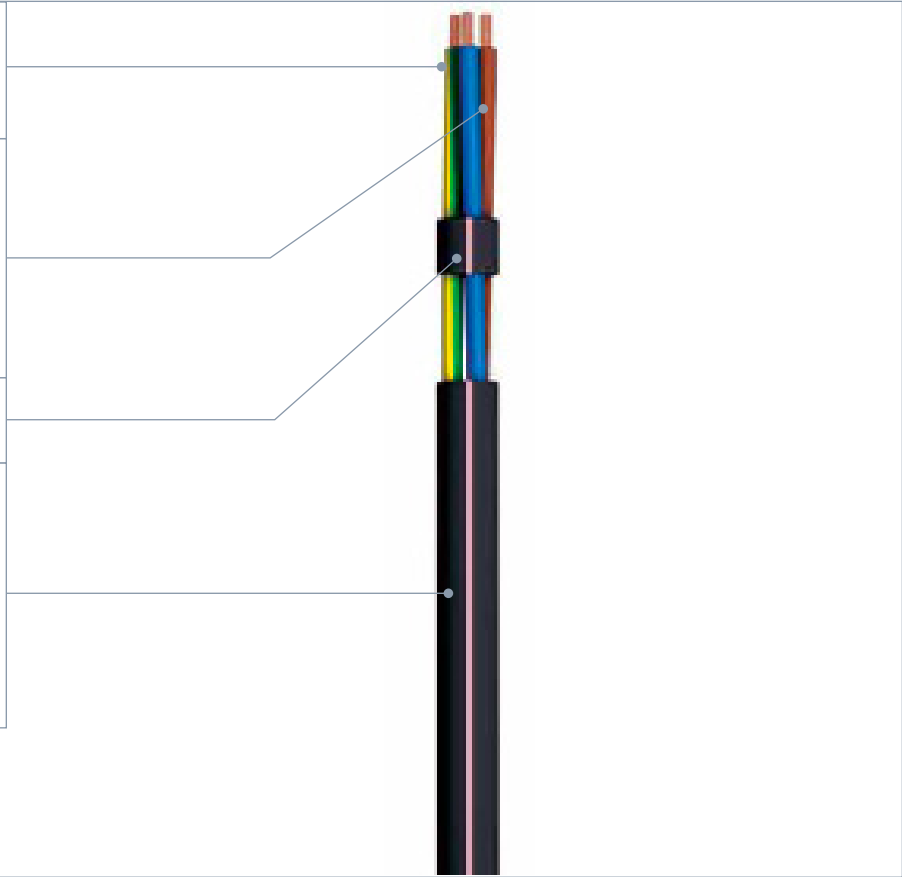


# RO2V

Power cable 600/1000V for fixed installation



<b>Conductor:</b> Copper red $s \leq 4 \text{ mm}^2$ : massive core - class 1 $s \geq 6 \text{ mm}^2$ : braided core - class 2
<b>Isolation:</b> Cross-linked polyethylene (XLPE)  Color code according to HD 308 S2 2 conditions: brown - blue 3 conditions: Green/Yellow - Brown - Blue 4 conditions: Green/Yellow - Gray - Black - Brown 5 conditions: Green/Yellow - Gray - Black - Brown - Blue
<b>Stuffing: PVC</b>
<b>Outer sheath:</b> PVC Color: Black with edging 1.5mm <sup>2</sup> pink piping 2.5mm <sup>2</sup> yellow border 4 mm <sup>2</sup> Purple border 6 mm <sup>2</sup> turquoise border 10 mm <sup>2</sup> brown trim 16 mm <sup>2</sup> gray trim



FT 10 09/06/2017 EN

## PRODUCT INFORMATION

### APPLICATION

The RO2V cables are power cables for industrial installations or risers in buildings.

### ELECTRICAL PROPERTIES

Rated voltage (U°/U) : 600/1000 V

### FEATURES



Fire resistance:  
 IEC 60332-1  
 EN 50575 :2014 + A1 :2016 Eca



Minimum installation temperature: -10°C  
 Max. soul temperature: Constantly: 80°C  
 Short circuit: 250°C





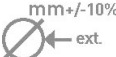

Minimum radius of curvature:  
 12 x Ø





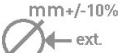

Compliant with the RoHS directive.

Reference standard: IEC 60502-1  
 XP C 32-321

PRODUCT REFERENCES

 REF	 nxmm <sup>2</sup>	 mm+/-10% ← ext.	 Kg/Km <sup>3</sup>
RO2V1X1.5	1 × 1.5	5.6	47
RO2V1X2.5	1 × 2.5	6.0	59
RO2V1X4	1 × 4	6.5	78
RO2V1X6	1 × 6	7.3	105
RO2V1X10	1 × 10	8.1	150
RO2V1X16	1 × 16	9.1	210
RO2V1X25	1 × 25	10.8	315
RO2V1X35	1 × 35	11.9	415
RO2V1X50	1 × 50	13.2	540
RO2V1X70	1 × 70	15.1	750
RO2V1X95	1 × 95	17.1	1010
RO2V1X120	1 × 120	18.7	1260
RO2V1X150	1 × 150	20.8	1540
RO2V1X185	1 × 185	23.0	1910
RO2V1X240	1 × 240	25.8	2480
RO2V1X300	1 × 300	28.5	3080
RO2V1X400	1 × 400	32.4	3900
RO2V2X1.5	2 × 1.5	9.2	125
RO2V2X2.5	2 × 2.5	10.0	160
RO2V2X4	2 × 4	11.0	210
RO2V2X6	2 × 6	12.6	280
RO2V2X10	2 × 10	14.2	395
RO2V2X16	2 × 16	16.2	560
RO2V2X25	2 × 25	19.6	850
RO2V2X35	2 × 35	21.8	1100
RO2V3G1.5	3 G 1.5	10.0	148
RO2V3G2.5	3 G 2.5	10.9	192
RO2V3G4	3 G 4	11.9	252
RO2V3G6	3 G 6	13.5	350
RO2V3G10	3 G 10	16.2	527
RO2V3G16	3 G 16	18.4	756
RO2V3G25	3 G 25	22.1	1127
RO2V3G35	3 G 35	24.9	1515
RO2V3G50	3 G 50	27.9	2033
RO2V3G70	3 G 70	30.7	2707
RO2V3G95	3 G 95	34.6	3577

PRODUCT REFERENCES

 REF	 nxmm <sup>2</sup>	 mm±/-10% ← ext.	 Kg/Km <sup>3</sup> M
RO2V3X5035	3 G 50 + 35	29.7	2422
RO2V3X7035	3 G 70 + 35	32.3	3141
RO2V3X7050	3 G 70 + 50	33.2	3250
RO2V3X9550	3 G 95 + 50	36.4	4165
RO2V3X12070	3 G 120 + 70	41.0	5331
RO2V3X15070	3 G 150 + 70	44.3	6459
RO2V3X18570	3 G 185 + 70	49.2	7938
RO2V3X18595	3 G 185 + 95	50.3	8128
RO2V3X24095	3 G 240 + 95	54.6	10116
RO2V4G1.5	4 G 1.5	10.4	170
RO2V4G2.5	4 G 2.5	11.4	225
RO2V4G4	4 G 4	12.6	305
RO2V4G6	4 G 6	14.5	420
RO2V4G10	4 G 10	16.4	610
RO2V4G16	4 G 16	18.8	880
RO2V4G25	4 G 25	22.9	1350
RO2V4G35	4 G 35	25.6	1790
RO2V4G50	4 G 50	28.9	2370
RO2V4G70	4 G 70	33.7	3330
RO2V4G95	4 G 95	38.2	4490
RO2V4G120	4 G 120	42.5	5620
RO2V4G150	4 G 150	47.3	6920
RO2V4G185	4 G 185	53.0	8670
RO2V5G1.5	5 G 1.5	11.2	200
RO2V5G2.5	5 G 2.5	12.3	270
RO2V5G4	5 G 4	13.6	365
RO2V5G6	5 G 6	15.8	510
RO2V5G10	5 G 10	18.0	750
RO2V5G16	5 G 16	20.7	1080
RO2V5G25	5 G 25	25.2	1660
RO2V5G35	5 G 35	31.5	2080
RO2V5G50	5 G 50	34.2	2710
RO2V12G1.5	12G1.5	15.5	370
RO2V12G2.5	12G2.5	17.3	510
RO2V19G1.5	19G1.5	18.0	520
RO2V19G2.5	19G2.5	20.0	740
RO2V27G1.5	27G1.5	21.2	700
RO2V27G2.5	27G2.5	23.9	1000