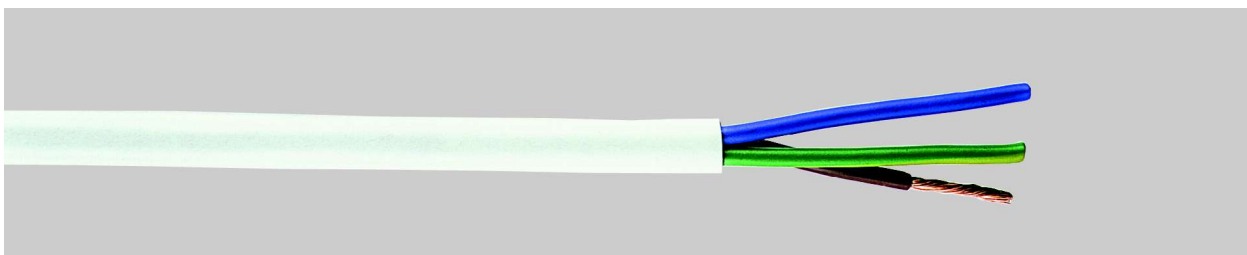




OMY 300/300 V, OMYžo 300/300 V, OMYp 300/300 V i OMYpžo 300/300 V

ELECTRICAL HOUSING CABLES



APPLICATIONS

OMY 300/300 V, OMYžo 300/300 V, OMYp 300/300 V i OMYpžo 300/300 V are cables intended for indoor electrical connection of movable and portable domestic receivers of average power input.

CONSTRUCTION OMY 300/300 V and OMYžo 300/300 V

- flexible, multiwire conductors, stranded of bare annealed copper wires meeting requirements of class 5 per PN-88/E-90160,
- PVC insulation
- insulated conductors twisted into a cable core,
- PVC cable sheath.

CONSTRUCTION OMYp 300/300 V and OMYpžo 300/300 V

- flexible, multiwire conductors, stranded of bare annealed copper wires meeting requirements of class 5 per PN-88/E-90160 klasa 5,
- PVC insulation,
- insulated conductors laid parallel into a cable core,
- PVC cable sheath.

COLOURS OF INSULATED CONDUCTORS

Number of conductors	with drain wire	without drain wire
2	-	two different colours except green-yellow
3	green-yellow, brown, blue	black, blue, brown
4	green -yellow, black, blue, brown	black, blue, brown, brown
5	green-yellow, black, blue, brown, black	black, blue, brown, black, black

CHARACTERISTICS

DC conductor resistance at 20°C, maximum

- conductor 0,5 mm ²	: 39,0 Ω/km
- conductor 0,75 mm ²	: 26,0 Ω/km
- conductor 1,0 mm ²	: 19,5 Ω/km
- conductor 1,5 mm ²	: 13,3 Ω/km

Operating voltage U₀/U

: 300/300 V

Voltage test (50 Hz)

: 2000 V

Insulation resistance at 70 ± 2°C - min.

- conductor 0,5 mm ²	: 0,012 MΩkm
- conductor 0,75 mm ²	: 0,010 MΩkm
- conductor 1,0 mm ²	: 0,009 MΩkm
- conductor 1,5 mm ²	: 0,009 MΩkm

Operating temperature range:

- for fixed equipment	: from -30 to +80 °C
- for movable equipment	: from -5 to +70 °C

Minimum bending radius

: 15 x cable diameter

Cable combustibility

: flame retardant

Combustibility tests

: - PN-89/E-04160/55 method 1

Reference standards

: - PN-91/E-90103

: - PN-91/E-90100

Product No	Type	Number of conductors x conductor cross-section [number x mm ²]	Cable outer diameter (appr.) [mm]	Copper index [kg/km]	Cable weight (appr.) [kg/km]
4.1.006	OMY	2 x 0,5	5,1	9,6	39,5
4.1.051	OMY	3 x 0,5	5,4	14,4	47,4
4.1.014	OMY	4 x 0,5	5,9	19,2	54,9
4.1.007	OMY	2 x 0,75	5,6	14,4	47,3
4.1.015	OMY	4 x 0,75	6,2	28,8	68,9
4.1.008	OMY	2 x 1,0	5,8	19,2	56,5
4.1.009	OMY	2 x 1,5	7,2	28,8	81,2
4.A.010	OMYżo	3 x 0,5	5,4	14,4	47,4
4.1.016	OMYżo	5 x 0,5	6,3	24,0	60,5
4.A.011	OMYżo	3 x 0,75	5,9	21,6	57,3
4.1.017	OMYżo	5 x 0,75	7,5	36,0	83,8
4.1.012	OMYżo	3 x 1,0	6,2	28,8	67,4
4.1.013	OMYżo	3 x 1,5	7,6	43,2	100,1
4.1.018	OMYp	2x0,5	3,15/5,1	9,6	29,7
4.1.019	OMYp	2x0,75	3,4/5,6	14,4	37,4
4.1.020	OMYp	2x1,0	3,5/5,8	19,2	43,4
4.1.021	OMYp	2x1,5	4,4/7,4	28,8	62,9
4.1.022	OMYpżo	3x0,5	3,2/7,0	14,4	41,6

Other cross-sections and conductor counts available on request.



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