

LAPP KABEL® X05VV-F

Power and control cables with colour-coded PVC sheathed conductors

LAPP KABEL® X05VV-F



Suitable for outdoor use



Assembly time



Oil-resistant



Reliability



UV-resistant

Benefits

Simplification of the gasket due to the optimal outer diameter and core of the 5th flexibility class

Increased electrical requirements, 4 kV test voltage

Higher requirements to physical and mechanical properties, stricter test conditions in comparison with GOST 31947

Application range

For stationary use as well as for installation with limited mobility. A gasket in a bundle is permitted.

Cable of climatic version Y 1.1, 3, 3.1 for operation in premises with dry or wet environment, including without artificially regulated climatic conditions

In conditions with medium mechanical loads

For electrical installations, lighting networks, installation and production of industrial electrical equipment, machines, mechanisms, machines, machines, production lines.

For power supply of measuring and control devices, for connection of electric devices and electric tools of household purpose, means of small mechanization of gardening.

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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For the manufacture of extension cords

For domestic and industrial installation of power supply in compliance with the installation requirements (use of pressurized or brazed connection terminals)

Product features

Does not spread combustion at a single laying, corresponds to the fire hazard class O1.8.2.5.4 according to GOST 31565

Norm references / Approvals

Conforms to the requirements of TR TC 004/2011

Conforms to the requirements of TROPB (№123-FZ) GOST R 53315-2009 (p.5.2.) PRGO 1

Design

Copper fine wire conductors, class 5 flexibility according to IEC 60228, VDE 0295, GOST 22483.

Insulation of PVC-plasticate TI 2 conductors according to EN 50363-3, VDE 0207-363-3, GOST 5960

PVC plastic sheeting TM 2 according to EN 50363-4-1/VDE 0207-363-4-1, GOST 5960, silver-grey (RAL 7000/1)

Technical Data

Core identification code:	Colour coding according to VDE 0293-1, GOST 31947, with yellow-green grounding.
Specific insulation resistance:	> 20 GOhm x cm
Conductor stranding:	Flexibility Class 5 according to VDE 0295/IEC 60228/GOST 22483
Minimum bending radius:	occasional flexing: 15 x cable diameter Fixed installation: 4 x outer diameter
Nominal voltage:	U0/U: 300/500 V
Test voltage:	4000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Temperature range:	Limited mobility: - 20 to + 70 °C Fixed installation: -60 °C to +80 °C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Standard lengths: (100; 500; 1000) m

Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum

Prices are net prices without VAT and surcharges. Sale to business customers only.

Transportation and storage of cables must comply with GOST 18690.

Storage period in covered warehouses, excluding the impact of direct sunlight, rainfall and dust not more than 5 years.

Photographs are not presented at the exact scale and are not illustrations of the respective products in detail.



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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
3120000090	3 G 6.0	12.2	172.8	287

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