

YY Cables

pro-POWER



**RoHS
Compliant**

Product Description

Space saving installation due to small cable diameters; High electrical performance due to 4 kV test voltage.

Features

Flame retardant according to IEC 60332-1-2.

Good chemical resistance.

Application Range

Plant engineering and construction Industrial machinery Air conditioning installations power station stage technique.

Fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load.

Dry or damp interiors under medium mechanical load conditions.

Benefits

Space saving installation due to small cable diameters.

High electrical performance due to 4 kV test voltage.

Design

Fine strands of bare copper wires.

PVC insulation.

Cores twisted in layers.

PVC outer sheath, grey (RAL 7001).

Technical Data

Core Identification Code	Black with White Numbers acc. to VDE 0293
Specific Insulation Resistance	> 20 G Ω × cm
Conductor Stranding	Fine wire in Accordance to V DE 0295 class 5 / IEC 60228 class 5
Minimum Bending Radius	Occasional Flexing : 15 × Cable Diameter Fixed Installation : 4 × Cable Diameter
Rated Voltage	U0/U: 300 / 500 V
Test Voltage	4,000 V
Protective Conductor	G = with Protective Conductor Green / Yellow
Range of Temperature	Occasional Flexing : -5°C up to +70°C Fixed Installation : -40°C up to +80°C
VDE tested	VDE Reg. No. 7030 for Following Sizes: up to 2.5mm ² : 2 - 64 Cores

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