

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
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 LAPP P8/1
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 Gohm × cm
Conductor Stranding	Fine wire in accordance to VDE 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 X = without protective conductor
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 sizes up to and including 60 cores

Part Number Table

Description	Part Number
Cable, YY, 3 Core, 0.75 mm, 100 m	PPYY3C0.75 100M
Cable, YY, 4 Core, 0.75 mm, 100 m	PPYY4C0.75 100M
Cable, YY, 5 Core, 0.75 mm, 100 m	PPYY5C0.75 100M
Cable, YY, 7 Core, 0.75 mm, 100 m	PPYY7C0.75 100M
Cable, YY, 12 Core, 0.75 mm, 100 m	PPYY12C0.75 100M
Cable, YY, 18 Core, 0.75 mm, 100 m	PPYY18C0.75 100M
Cable, YY, 3 Core, 1 mm, 100 m	PPYY3C1.00 100M
Cable, YY, 4 Core, 1 mm, 100 m	PPYY4C1.00 100M
Cable, YY, 5 Core, 1 mm, 100 m	PPYY5C1.00 100M
Cable, YY, 3 Core, 1.5 mm, 100 m	PPYY3C1.50 100M
Cable, YY, 4 Core, 1.5 mm, 100 m	PPYY4C1.50 100M
Cable, YY, 5 Core, 1.5 mm, 100 m	PPYY5C1.50 100M
Cable, YY, 3 Core, 2.5 mm, 100 m	PPYY3C2.50 100M
Cable, YY, 4 Core, 2.5 mm, 100 m	PPYY4C2.50 100M
Cable, YY, 5 Core, 2.5 mm, 100 m	PPYY5C2.50 100M

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