

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 $\Omega$ × 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 <sup>2</sup> : 2 - 64 Cores

## Specification Table

Part Number	Number of Cores and mm <sup>2</sup> per Conductor	Outer Diameter mm	Current Rating (A)	Copper Index kg / km	Weight kg / km
PPYY3C0.75 50M	3 G 0.75	5.7	12	21.6	55
PPYY4C0.75 50M	4 G 0.75	6.2	12	28.8	66
PPYY5C0.75 50M	5 G 0.75	6.7	12	36	79
PPYY7C0.75 50M	7 G 0.75	7.3	12	50	101
PPYY12C0.75 50M	12 G 0.75	9.9	12	86	171
PPYY18C0.75 50M	18 G 0.75	11.7	12	130	244
PPYY3C1.00 50M	3 G 1	6	15	28.8	65
PPYY4C1.00 50M	4 G 1	6.5	15	38.4	79
PPYY5C1.00 50M	5 G 1	7.1	15	48	94
PPYY7C1.00 50M	7 G 1	8	15	67	126
PPYY3C1.50 50M	3 G 1.5	6.7	18	43	84
PPYY4C1.50 50M	4 G 1.5	7.2	18	58	104
PPYY5C1.50 50M	5 G 1.5	8.1	18	72	128
PPYY7C1.50 50M	7 G 1.5	8.9	18	101	166
PPYY12C1.50 50M	12 G 1.5	12	18	173	279
PPYY18C1.50 50M	18 G 1.5	14.4	18	259	407
PPYY3C2.50 50M	3 G 2.5	8.1	26	72	132
PPYY4C2.50 50M	4 G 2.5	8.9	26	96	163
PPYY5C2.50 50M	5 G 2.5	10	26	120	200
PPYY7C2.50 50M	7 G 2.5	11.1	26	168	267
PPYY3C0.75 100M	3 G 0.75	5.7	12	21.6	55
PPYY4C0.75 100M	4 G 0.75	6.2	12	28.8	66
PPYY5C0.75 100M	5 G 0.75	6.7	12	36	79
PPYY7C0.75 100M	7 G 0.75	7.3	12	50	101
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PPYY4C1.00 100M	4 G 1	6.5	15	38.4	79
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PPYY3C1.50 100M	3 G 1.5	6.7	18	43	84
PPYY4C1.50 100M	4 G 1.5	7.2	18	58	104
PPYY5C1.50 100M	5 G 1.5	8.1	18	72	128
PPYY3C2.50 100M	3 G 2.5	8.1	26	72	132
PPYY4C2.50 100M	4 G 2.5	8.9	26	96	163
PPYY5C2.50 100M	5 G 2.5	10	26	120	200
PPYY3C0.75	3 G 0.75	5.7	12	21.6	55
PPYY3C1.00	3 G 1	6	15	28.8	65

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PPYY4C1.00	4 G 1	6.5	15	38.4	79
PPYY4C1.50	4 G 1.5	7.2	18	58	104
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PPYY12C1.50	12 G 1.5	12	18	173	279
PPYY18C0.75	18 G 0.75	11.7	12	130	244
PPYY18C1.50	18 G 1.5	14.4	18	259	407

## Part Number Table

Description	Reel Length	Part Number	Description	Reel Length	Part Number
Cable, YY, 3 Core, 0.75mm	50 m	PPYY3C0.75 50M	Cable, YY, 18 Core, 1.5mm	50 m	PPYY18C1.50 50M
Cable, YY, 4 Core, 0.75mm		PPYY4C0.75 50M	Cable, YY, 3 Core, 2.5mm		PPYY3C2.50 50M
Cable, YY, 5 Core, 0.75mm		PPYY5C0.75 50M	Cable, YY, 4 Core, 2.5mm		PPYY4C2.50 50M
Cable, YY, 7 Core, 0.75mm		PPYY7C0.75 50M	Cable, YY, 5 Core, 2.5mm		PPYY5C2.50 50M
Cable, YY, 12 Core, 0.75mm		PPYY12C0.75 50M	Cable, YY, 7 Core, 2.5mm		PPYY7C2.50 50M
Cable, YY, 18 Core, 0.75mm		PPYY18C0.75 50M	Cable, YY, 3 Core, 0.75mm		PPYY3C0.75 100M
Cable, YY, 3 Core, 1mm		PPYY3C1.00 50M	Cable, YY, 4 Core, 0.75mm	PPYY4C0.75 100M	
Cable, YY, 4 Core, 1mm		PPYY4C1.00 50M	Cable, YY, 5 Core, 0.75mm	PPYY5C0.75 100M	
Cable, YY, 5 Core, 1mm		PPYY5C1.00 50M	Cable, YY, 7 Core, 0.75mm	PPYY7C0.75 100M	
Cable, YY, 7 Core, 1mm		PPYY7C1.00 50M	Cable, YY, 12 Core, 0.75mm	PPYY12C0.75 100M	
Cable, YY, 3 Core, 1.5mm		PPYY3C1.50 50M	Cable, YY, 18 Core, 0.75mm	PPYY18C0.75 100M	
Cable, YY, 4 Core, 1.5mm		PPYY4C1.50 50M	Cable, YY, 3 Core, 1mm	PPYY3C1.00 100M	
Cable, YY, 5 Core, 1.5mm		PPYY5C1.50 50M	Cable, YY, 4 Core, 1mm	PPYY4C1.00 100M	
Cable, YY, 7 Core, 1.5mm		PPYY7C1.50 50M	Cable, YY, 5 Core, 1mm	PPYY5C1.00 100M	
Cable, YY, 12 Core, 1.5mm		PPYY12C1.50 50M	Cable, YY, 3 Core, 1.5mm	PPYY3C1.50 100M	

Description	Reel Length	Part Number	Description	Reel Length	Part Number
Cable, YY, 4 Core, 1.5mm	100 m	PPYY4C1.50 100M	Cable, YY, 5 Core, 0.75mm	Per meter	PPYY5C0.75
Cable, YY, 5 Core, 1.5mm		PPYY5C1.50 100M	Cable, YY, 5 Core, 1mm		PPYY5C1.00
Cable, YY, 3 Core, 2.5mm		PPYY3C2.50 100M	Cable, YY, 5 Core, 1.5mm		PPYY5C1.50
Cable, YY, 4 Core, 2.5mm		PPYY4C2.50 100M	Cable, YY, 5 Core, 2.5mm		PPYY5C2.50
Cable, YY, 5 Core, 2.5mm		PPYY5C2.50 100M	Cable, YY, 7 Core, 0.75mm		PPYY7C0.75
Cable, YY, 3 Core, 0.75mm	Per meter	PPYY3C0.75	Cable, YY, 7 Core, 1mm		PPYY7C1.00
Cable, YY, 3 Core, 1mm		PPYY3C1.00	Cable, YY, 7 Core, 1.5mm		PPYY7C1.50
Cable, YY, 3 Core, 1.5mm		PPYY3C1.50	Cable, YY, 7 Core, 2.5mm		PPYY7C2.50
Cable, YY, 3 Core, 2.5mm		PPYY3C2.50	Cable, YY, 12 Core, 0.75mm		PPYY12C0.75
Cable, YY, 4 Core, 0.75mm		PPYY4C0.75	Cable, YY, 12 Core, 1.5mm		PPYY12C1.50
Cable, YY, 4 Core, 1mm		PPYY4C1.00	Cable, YY, 18 Core, 0.75mm		PPYY18C0.75
Cable, YY, 4 Core, 1.5mm		PPYY4C1.50	Cable, YY, 18 Core, 1.5mm		PPYY18C1.50
Cable, YY, 4 Core, 2.5mm		PPYY4C2.50			

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