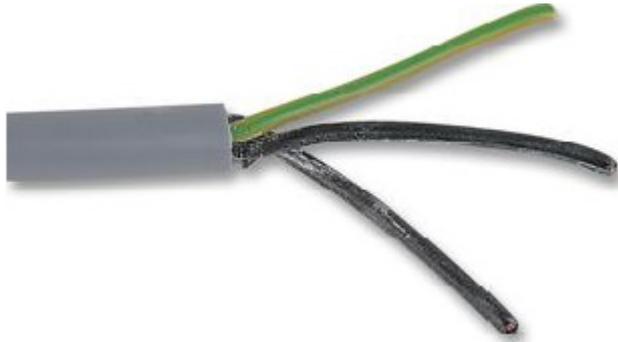


## Product Description

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 LAPP P8/1.  
Cores twisted in layers.  
PVC outer sheath, grey (RAL 7001).

## Technical Data

<b>Core Identification Code</b>	Black with White Numbers acc. to VDE 0293
<b>Specific Insulation Resistance</b>	> 20 Gohm × cm
<b>Conductor Stranding</b>	Fine wire in Accordance to VDE 0295 class 5 / IEC 60228 class 5
<b>Minimum Bending Radius</b>	Occasional Flexing : 15 × Cable Diameter Fixed Installation : 4 × Cable Diameter
<b>Rated Voltage</b>	U0/U: 300 / 500 V
<b>Test Voltage</b>	4,000 V
<b>Protective Conductor</b>	G = with Protective Conductor Green / Yellow X = without Protective Conductor
<b>Range of Temperature</b>	Occasional Flexing : -5°C up to +70°C Fixed Installation : -40°C up to +80°C
<b>VDE tested</b>	VDE Reg. No. 7030 for Following Sizes: up to 2.5 mm <sup>2</sup> : 2-64 Cores Starting at 4 mm <sup>2</sup> : 2-7 Cores

## Specification Table

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

## Specification Table

Description	Number of Cores and mm <sup>2</sup> per Conductor	Outer Diameter mm	Copper Index kg / km	Weight kg / km	Part Number
Cable, YY, 7 Core, 1 mm, PER M	7 G 1	8	67	126	PPYY7C1.00
Cable, YY, 7 Core, 1.5 mm, PER M	7 G 1.5	8.9	101	166	PPYY7C1.50
Cable, YY, 7 Core, 2.5 mm, PER M	7 G 2.5	11.1	168	267	PPYY7C2.50
Cable, YY, 12 Core, 0.75 mm, PER M	12 G 0.75	9.9	86	171	PPYY12C0.75
Cable, YY, 12 Core, 1.5 mm, PER M	12 G 1.5	12	173	279	PPYY12C1.50
Cable, YY, 18 Core, 0.75 mm, PER M	18 G 0.75	11.7	130	244	PPYY18C0.75
Cable, YY, 18 Core, 1.5 mm, PER M	18 G 1.5	14.4	259	407	PPYY18C1.50

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