

# TECHNICAL DATA SHEET

**PRO-POWER**

**RoHS  
Compliant**

## COILED EXTENSIBLE CABLE MODELS: PP2589-PP2596



### Application:

Coiled extensible cables with TPU sheath are available in with a range of different conductor sizes to meet customer's specific requirements. Ideal for a domestic and industrial applications where appliances need to be connected to a mains electricity supply through a wall socket or extension lead. TPU sheathed coiled cable is able to withstand high and low temperature extremes making it ideal for use in more extreme non-domestic environments. Its durable and hardwearing sheath protects the internal wires ensuring reliability.

### Conforms:

2014/35/EU--Low Voltage Directive (LVD)  
REACH and ROHS Compliant

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**Construction:**

<b>Conductor</b>	Flexible plain annealed copper
<b>Insulation</b>	PVC
<b>Core</b>	Multiple colour coded cores twisted together 2 cores: black with white numbers 3 cores: 1~2 cores black with white numbers, 3 core green/yellow 4 cores: 1~3 cores black with white numbers, 4 core green/yellow 5 cores: 1~4 cores black with white numbers, 5 core green/yellow
<b>Sheath</b>	Grey TPU

**Electrical Characteristics:**

Rated Voltage: 300/500V

Conductor DC Resistance:  
 $0.75\text{mm}^2 \leq 26.0\Omega/\text{km}$  @ 20°C  
 $1.50\text{mm}^2 \leq 13.3\Omega/\text{km}$  @ 20°C

Insulation DC Resistance:  
 $0.75\text{mm}^2 \geq 12\text{M}\Omega/\text{km}$  @ 20°C  
 $1.50\text{mm}^2 \geq 12\text{M}\Omega/\text{km}$  @ 20°C  
Max. rated temperature: 80°C

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Physical Characteristics:

Model	Cores	Conductor Size (mm <sup>2</sup> )	Current Rating	Cable Diameter (mm <sup>2</sup> )	Colour
PP2589	2	0.75	6	6 ±0.15	Grey
PP2590	2	0.75	6	6 ±0.15	Grey
PP2591	4	0.75	6	7 ±0.20	Grey
PP2592	4	0.75	6	7 ±0.20	Grey
PP2593	3	1.50	16	7.6 ±0.20	Grey
PP2594	3	1.50	16	7.6 ±0.20	Grey
PP2595	5	1.50	16	9.1 ±0.20	Grey
PP2696	5	1.50	16	9.1 ±0.20	Grey

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