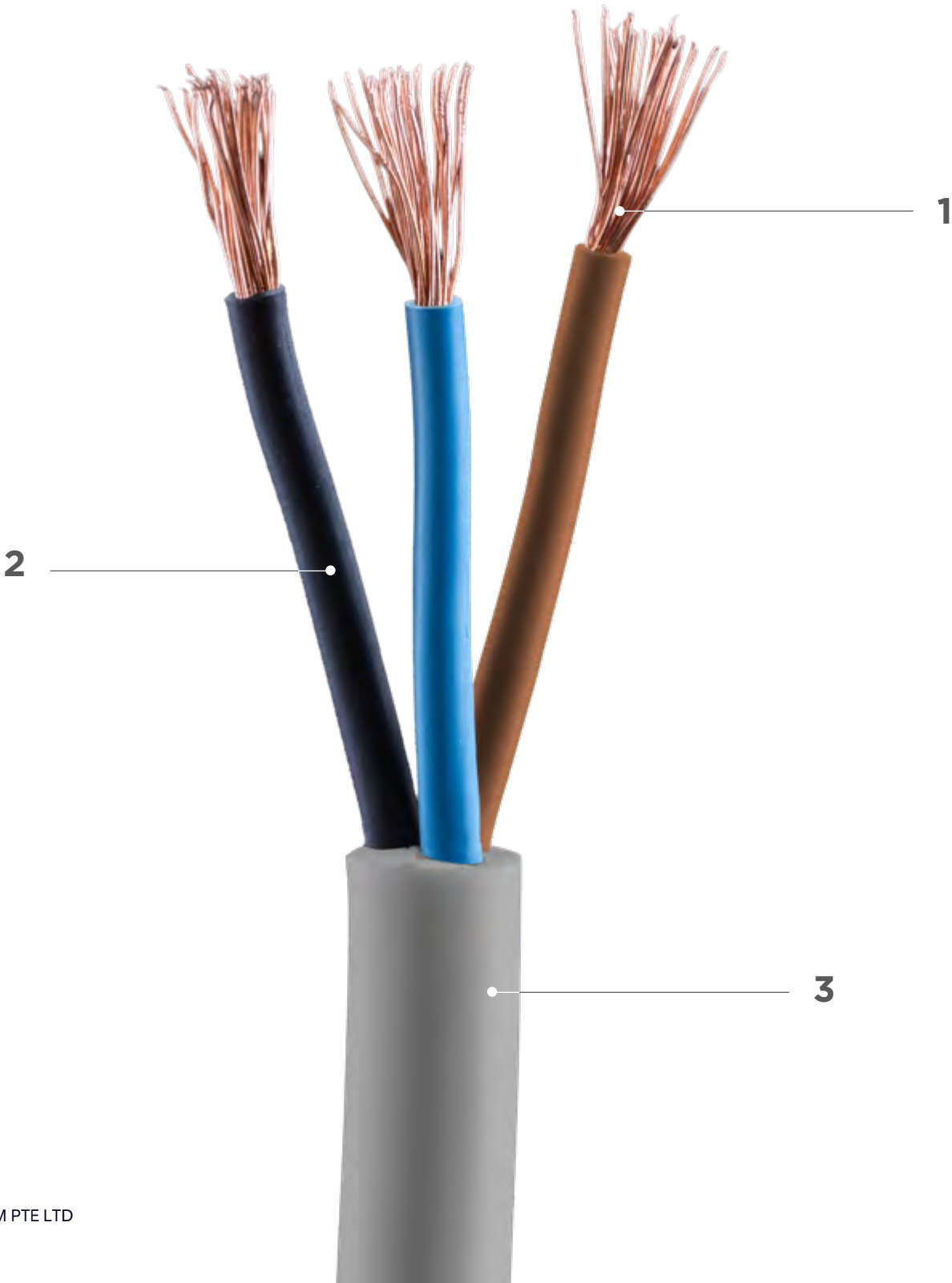


DOMESTIC
CABLES

Rated Voltages up to and Including 300/500 V



CONSTRUCTION DETAILS:

- 1. Conductor:**
Circular Copper conductors as per IEC 60228 – class 1, and 5.
- 2. Insulation:**
An extruded layer of Polyvinyl Chloride compound.
For general purpose cable
 - Maximum conductor operating temperature at normal conditions 70°C.
For heat resistant cables
 - Maximum conductor operating temperature at normal conditions 90°C.
- 3. Sheath:**
An extruded layer of PVC for multi core cables.

Applicable Standards:
PVC insulated (sheathed and non-sheathed) cables are designed and tested as per IEC 60227 and BS EN 50525.

- Applications:**
- Suitable for general purpose and heat resistant applications.
 - These cables are also used in wiring devices, power, lighting circuits and building wires.

DOMESTIC
CABLES

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2 CORES

Nominal Cross Sectional Area	Max Conductor Resistance	Current Carrying Capacity	Overall Diameter (approx.)
	DC at 20°C	Free Air	
mm ²	Ω/km	A	mm
0.75	26	12	6.3
1	19.5	15	6.5
1.5	13.3	19	7.5
2.5	7.98	25	9.1
4	4.95	27	10.3

2 CORES - FLAT

Nominal Cross Sectional Area	Max Conductor Resistance	Dimensions (approx.)	Overall Weight (approx.)
	DC at 20°C		
mm ²	Ω/km	mm	kg/km
0.75	26	4.4 X 7	6.0
1	19.5	4.6 X 7.3	6.2

3 CORES

Nominal Cross Sectional Area	Max Conductor Resistance	Current Carrying Capacity	Overall Diameter (approx.)
	DC at 20°C	Free Air	
mm ²	Ω/km	A	mm
0.75	26	12	6.8
1	19.5	15	7.6
1.5	13.3	19	8.7
2.5	7.98	25	9.9
4	4.95	27	11.6

DOMESTIC
CABLES

Rated Voltages up to and Including 300/500 V

4 CORES

Nominal Cross Sectional Area	Max Conductor Resistance	Current Carrying Capacity	Overall Diameter (approx.)
	DC at 20°C	Free Air	
mm ²	Ω/km	A	mm
0.75	26	12	7.3
1	19.5	15	7.8
1.5	13.3	19	9.1
2.5	7.98	25	10.8
4	4.95	27	12.2

5 CORES

Nominal Cross Sectional Area	Max Conductor Resistance	Current Carrying Capacity	Overall Diameter (approx.)
	DC at 20°C	Free Air	
mm ²	Ω/km	A	mm
0.75	26	12	8.1
1	19.5	15	8.4
1.5	13.3	19	10.1
2.5	7.98	25	12.0
4	4.95	27	14.5