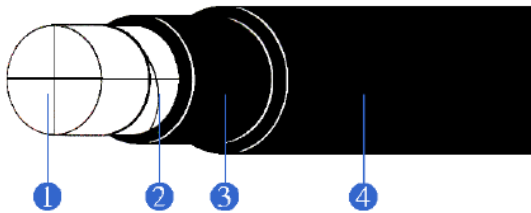


Single Core Sectoral - Unarmoured

Cable Design

Product code 20144590 / 20144592 / 20144593



DESIGN & CONSTRUCTION

- 1: Sectoral Circular Solid Aluminium Conductor
- 2: Binder Tape
- 3: XLPE Insulation (Brown)
- 4: Black PVC Sheath

Cable / Product description

Circular Solid Aluminium design made up of 4 shaped solid sectors.

1kV Sectoral cables are a standard specification taken across Utility networks in the United Kingdom.

Main Characteristics

Parameter		480mm ² 20144590	600mm ² 20144592	740mm ² 20144593
Overall Diameter	mm	34.2	37.8	41.8
Minimum Bend Radius	mm	270	300	330
Maximum Pulling Tension*	kg	1440	1800	2000
Cable Weight	kg/m	1.8	2.2	2.7

* based on the conductor.

Single Core Sectoral - Unarmoured

Technical Data

Current Ratings		480mm ² 20144590	600mm ² 20144592	740mm ² 20144593
Laid in Air	Amps	774	885	1019

Current Rating conditions: Air Temp 25°C

Logistics

Typical Drum Sizes are Provided Below

Length	Parameter	480mm ² 20144590	600mm ² 20144592	740mm ² 20144593
100m	Outer Diameter (mm)	1500	1700	2000
	Total Width (mm)	850	975	1000
	Total Weight (kg)	335	435	575
250m	Outer Diameter (mm)	1500	1700	2000
	Total Width (mm)	850	975	1000
	Total Weight (kg)	595	755	975
500m	Outer Diameter (mm)	1700	1700	2000
	Total Width (mm)	975	975	1000
	Total Weight (kg)	1105	1290	1640

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