

# Arctic Grade 3 Core Mains Flex **pro-POWER**

## 3183YAG

### Yellow



### Blue



### Features:

- Plain stranded copper conductors, blue, brown, green / yellow insulated
- Sheathed overall in arctic grade PVC
- Suitable for outdoor applications and where flexibility is required at sub-zero temperatures. (cold bend test temperature -40°C)  
Voltage rating : 300 / 500 V  
Operating temperature : -20°C to +70°C

This range of cables is manufactured to satisfy a requirement for use at low temperatures (cold bend test temperature -40°C), or where greater flexibility is required at nominal temperatures

3 cores × 2.5 mm<sup>2</sup> flexible plain annealed copper conductors, (construction as 1), type 8 (arctic grade) PVC sheathed to 10.25 mm nominal diameter

Voltage drop per ampere per metre : 18 mV (single phase)

If cables are used at a temperature in excess of 35°C, then a correction factor must be applied to ascertain the current rating

### Related Specifications:

BS 6360 - Copper conductors in cables and cords

BS 6746 - PVC insulation and sheath of electric cables

Conductor Make-Up	Conductor SA Area	Secondary Insulation Colour	Current Rating (A)	Outside Diameter		Reel Length (Metric) (m)	Reel Length (Imperial) (ft)	Part Number		
				Minimum	Maximum					
30 / 0.25	1.5 mm <sup>2</sup>	Yellow	15	8	9.8	100	328	3183Y - 1.5mm Agyell		
		Blue						3183Y - 1.5mm Agblue		
50 / 0.25	2.5 mm <sup>2</sup>	Yellow	20	9.6	12			3183Y - 2.5mm Agyell		
		Blue						3183Y - 2.5mm Agblue		
30 / 0.25	1.5 mm <sup>2</sup>	Yellow	15	8	9.8			-	-	3183Y - 1.5mm Agyell
50 / 0.25	2.5 mm <sup>2</sup>		20	9.6	12			-	-	3183Y - 2.5mm Agyell
30 / 0.25	1.5 mm <sup>2</sup>	Blue	15	8	9.8			-	-	3183Y - 1.5mm Agblue
50 / 0.25	2.5 mm <sup>2</sup>		20	9.6	12			-	-	3183Y - 2.5mm Agblue
30 / 0.25	1.5 mm <sup>2</sup>	Orange	15	8	9.8	-	-	3183Y - 1.5mm Agorn		
50 / 0.25	2.5 mm <sup>2</sup>		20	9.6	12	-	-	3183Y - 2.5mm Agorn		

Dimensions : Millimetres (Unless Specified)

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