

# 3183YAG

**PRO-POWER**  
Quality Cables

## Arctic Grade 3 Core Mains Flex

### 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  $-40^{\circ}\text{C}$ ).
- Voltage rating : 300/500V.  
Operating temperature :  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$ .

This range of cables is manufactured to satisfy a requirement for use at low temperatures (cold bend test temperature  $-40^{\circ}\text{C}$ ), or where greater flexibility is required at nominal temperatures.

3 cores x  $2.5\text{mm}^2$  flexible plain annealed copper conductors, (construction as 1), type 8 (arctic grade) PVC sheathed to 10.25mm nominal diameter.

Voltage Drop per Ampere per Metre : 18mV (Single Phase).

If cables are used at a temperature in excess of  $35^{\circ}\text{C}$ , 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.

### Specification Table

Conductor Area (mm <sup>2</sup> )	Nominal Conductor Size	Outside Diameter		Current Rating (A)	Sheath Colour	Reel Length (m)	Part Number
		Minimum	Maximum				
0.75	24/0.20	6.4	8.0	6	Yellow	100	CBBR1517
					Blue		10006918
1.50	30/0.25	8.0	9.8	15	Yellow		CBBR0090
				Blue	CBBR0091		
2.50	50/0.25	9.6	12.0	20	Yellow		CBBR0092
				Blue	CBBR0093		

Dimensions : Millimetres (Unless Specified)

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### Notes:

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