

# Arctic Grade 3 Cores Cables

## Yellow



## Orange



## 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 / 500 V  
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  $\times$  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  $35^{\circ}\text{C}$ , 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 / 0.2	6.4	8	6	Yellow	100	CBBR1517
					Orange		3183YAG 0.75 ORN
3183YAG 1.75 ORN							
3183YAG 2.5 ORN							
1.5	30 / 0.25	8	9.8	15			
2.5	50 / 0.25	9.6	12	20			

Dimensions : Millimetres (Unless Specified)

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