

Technical Document
3183A / BS 6004 Arctic Grade
3 Core 0.75mm² - 2.5mm² PVC Yellow

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Description: 3183A / BS 6004 3 Core 0.75mm² -
2.5mm² Arctic Grade PVC Yellow Sheath



Product Construction

Conductor Material	:	Bare Copper
Conductor Stranding	:	Class 5 to IEC / BS EN 60228
Insulation Material	:	Cold Resistant Polyvinyl Chloride (PVC)
Number of Cores	:	3
Core Colours	:	Brown, Blue, Green/Yellow
Sheath Material	:	Cold Resistant Polyvinyl Chloride (PVC)
Sheath Colour	:	Yellow



Mechanical Characteristics

Overall Diameter	:	See Table A
Temperature Range	:	-40°C to +60°C
Bend Radius	:	6 x Overall Diameter
Weight	:	See Table A

Electrical Characteristics

Inner Conductor DC Resistance	:	See Table A
Voltage Rating	:	300/500V
AC Test Voltage	:	2kV

Certifications & Standards

Manufactured to	:	3183A, BS 6004
Flame Retardancy	:	BS EN 60332-1-2
RoHS 3 Compliant	:	Yes
REACH Compliant	:	Yes
CE CPR Classification	:	Eca to EN 50575:2014+A1:2016

Part No.	Conductor Size (mm ²)	Nominal OD (mm)	Weight (kg/km)	Nom. Resistance (Ω/km)
320017E-AG-YEL	0.75	6.7	68	26.0
320018E-AG-YEL	1.0	7.0	78	19.5
320020E-AG-YEL	1.5	8.3	110	13.3
320021E-AG-YEL	2.5	10.0	165	7.98

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Written by: GB

Authorised by: GB

Webro Cables & Connectors Ltd

Vision House, Meadow Brooks Business Park, Meadow Lane, Long Eaton, Nottingham NG10 2GD, UK
Tel: +44 (0)115 9724483 | Fax: +44 (0)115 9461230 | sales@webro.com | www.webro.com

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