



# Product Data Sheet

Argosy 3183Y PVC 100m - Orange

## Description



Made of Class 5 plain annealed copper conductors encased in a PVC-insulated sheath, this general-purpose flexible AC mains cable is used where the risk of mechanical damage and stress is within normal/minimal range. Ideal for everyday use of small to medium-sized equipment in domestic, commercial, and light industrial environments.

Compatible appliances include vacuum cleaners, televisions, washing machines & dryers, power tools and refrigerators. Generally unsuitable for outdoor, wet use or heavy industrial applications.

Certified to BS6500, 4.0mm<sup>2</sup> to BS7919, CENELEC HD21.5, VDE 281, and copper conductors meet BS EN 60228:2005 (previously BS6360) standards.

Voltage and temperature ratings are 300-500 volts and 0°C to +60°C.

Cable conductors are insulated in standard colours of Green/Yellow, Blue or Brown PVC sheaths. Outer jacket is available in Black, Orange, Blue or White PVC. Other jacket types and colours available.

Core sizes range from 0.75mm, 1.0mm, 1.5mm, and 2.5mm. Sold in 100m drum reels.

Product	SKU	Product	SKU
ARGOSY 3183Y PVC 100M - ORANGE - 0.75MM	101347	ARGOSY 3183Y PVC 100M - ORANGE - 1.5MM	101345
ARGOSY 3183Y PVC 100M - ORANGE - 1MM	101344	ARGOSY 3183Y PVC 100M - ORANGE - 2.5MM	101346



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## Technical Specification

### Argosy 3183Y PVC 100m - Orange Specification

<b>Construction</b>	<b>Weight:</b> See table below
<b>Conductor Material:</b> Bare Copper	<b>Electrical Characteristics</b>
<b>Conductor Stranding:</b> Class 5 to IEC / BS EN 60228	<b>Inner Conductor DC Resistance:</b> See table below
<b>Insulation Material:</b> Polyvinyl Chloride (PVC), Type TI-2	<b>Voltage Rating:</b> 300/500V
<b>Number of Cores:</b> 3	<b>AC Test Voltage:</b> 2kV
<b>Core Colours:</b> Brown, Blue, Green/Yellow	<b>Certifications &amp; Standards</b>
<b>Sheath Material:</b> Polyvinyl Chloride (PVC), Type TM-2	<b>Manufactured to:</b> 3183Y, H05VV-F, EN 50525-2-11 & IEC 60227-5
<b>Sheath Colour:</b> Orange	<b>Flame Retardancy:</b> BS EN 60332-1-2
<b>Mechanical Characteristics</b>	<b>RoHS 3 Compliant:</b> Yes
<b>Overall Diameter:</b> See table below	<b>REACH Compliant:</b> Yes
<b>Temperature Range:</b> -0°C to +60°C	<b>CE CPR Classification:</b> Eca to EN 50575:2014+A1:2016
<b>Bend Radius:</b> 6 x Overall Diameter	

Part Number	Conductor Size (mm <sup>2</sup> )	Nominal OD (mm)	Weight (kg/km)	Nom. Resistance (Ω/km)
101347	0.75	6.3	65	26.0
101344	1	6.7	75	19.5
101345	1.5	7.8	106	13.3
101346	2.5	9.6	163	7.98