

# Light Duty V75 PVC Flexible Cord 250/250V Cable



Eland Product Group: AS0

## APPLICATION

Light Duty PVC insulated cables are suitable for installing in dry applications only. Applications include radios, shavers, lamps, small portable equipment, office machines and for appliances requiring an earth connection. Also suitable for use with double insulated appliances where the cord is not subject to mechanical stress. Available in flat and round configurations.

## CHARACTERISTICS

**Rated Voltage Uo/U (Um)**  
250/250V

**Temperature Rating**  
Maximum continuous operating temperature: 75°C

**Minimum Bending Radius**  
Flexed: 6x overall diameter

## CONSTRUCTION

**Conductor**  
Annealed copper

**Insulation**  
V-75 PVC (Polyvinyl chloride)

**Sheath**  
4V-75 PVC (Polyvinyl chloride)

**Core Identification**  
2 Cores: ● Brown, ● Light Blue  
3 Cores: ● Brown, ● Light Blue, ● Green/Yellow

**Sheath Colour**  
● Grey ○ White ● Black ● Orange

## STANDARDS

AS/NZS 3191, AS/NZS 1125

## ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



## REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.



## DIMENSIONS

ELAND PART NO.	NO.OF CORES	NOMINAL CONDUCTOR SIZE mm	NOMINAL INSULATION THICKNESS mm	NOMINAL OUTER SHEATH THICKNESS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/100m
AS01R0200005**	2	0.5	0.5	0.6	5.2	3.7
AS01R0300005**	3	0.5	0.5	0.6	5.5	4.2
AS01R0200075**	2	0.75	0.5	0.6	5.6	4.5
AS01R0300075**	3	0.75	0.5	0.6	5.9	5.4
<b>Parallel Webbed, Flat, Unsheathed</b>						
AS01F0200005**	2	0.5	0.8	-	5.2×2.6	2.2
AS01F0200075**	2	0.75	0.8	-	5.6×2.8	2.7

\* Designates the sheath colour. For each Eland Cables part number replace with the colour code as listed below. e.g. AS01R0200005BK = 2 core Round 0.5mm<sup>2</sup> Black

## COLOUR CODES

COLOUR CODE	White WH	Grey GR	Orange OR	Black BK

## ELECTRICAL CHARACTERISTICS

NOMINAL CONDUCTOR SIZE mm	CURRENT CARRYING CAPACITY A	MAXIMUM DC RESISTANCE AT 20 °C Ohm/km	MAXIMUM AC RESISTANCE AT 90 °C Ohm/km	SINGLE PHASE VOLTAGE DROP MV/A.m
0.5	3	39.0	47.4	94.7
0.75	7.5	26.0	31.6	63.2
1.0	10	19.5	23.7	47.5
1.5	16	13.3	16.2	32.3
2.5	20	7.98	9.70	19.4
4.0	25	4.95	6.02	12.0