



Click here for more information:  
[elandcables.com](http://elandcables.com) | [FLR9Y-B Cable](#)

**ELAND<sup>®</sup>  
CABLES**

## FLR9Y-B Cable



Eland Product Group: A2A

### APPLICATION

The FLR9Y-B cable is a reduced wall thickness PP insulated single-core cable is used for cable harnesses, Halogen-free. Heat resistant.

### CHARACTERISTICS

#### Temperature Rating

-40°C to +125°C

### CONSTRUCTION

#### Conductor

Cu-ETP1 Bare Copper (Type B)

#### Insulation

PP (Polypropylene)

#### Sheath Colour

● Red ● Black ● Blue ● Yellow ● Grey ● Brown ○ White  
 ● Violet ● Green ● Natural

### DIMENSIONS

ELAND PART NUMBER	NUMBER OF CORES	NOMINAL CROSS-SECTION mm <sup>2</sup>	NOMINAL NO. AND DIAMETER OF WIRES No/mm	MAXIMUM DIAMETER OF CONDUCTOR mm	NOMINAL ELECTRICAL RESISTANCE AT 20°C MAX mΩ/m	NOMINAL INSULATION THICKNESS mm	NOMINAL OVERALL DIAMETER (MIN) mm	NOMINAL OVERALL DIAMETER (MAX) mm	NOMINAL WEIGHT kg/km
A2AT024000035**	1	0.35	12/0.21	0.90	55.5	0.20	1.2	1.4	4.5
A2AT02400005**	1	0.50	16/0.21	1.00	38.2	0.22	1.4	1.6	6.6
A2AT02400075**	1	0.75	24/0.21	1.20	25.4	0.24	1.7	1.9	9.0
A2AT0240010**	1	1.0	32/0.21	1.35	19.1	0.24	1.9	2.1	11
A2AT0240015**	1	1.5	30/0.26	1.70	13.0	0.24	2.2	2.4	16
A2AT0240025**	1	2.5	50/0.26	2.20	7.82	0.28	2.7	3.0	26
A2AT0240040**	1	4	56/0.31	2.75	4.85	0.32	3.4	3.7	42
A2AT0240060**	1	6	84/0.31	3.30	3.23	0.32	4.0	4.3	61
A2AT024010**	1	10	80/0.41	4.50	1.85	0.48	5.6	6.0	118

COLOUR	Red	Black	Blue	Yellow	Grey	Brown	White	Violet	Green	Natural				
CODE	RD	BK	BL	YW	GR	BR	WH	VI	GN	NT				

### STANDARDS

ISO 6722 Class C

### 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™.

