

# FLR12Y-B Cable



Eland Product Group: A2A

## APPLICATION

The FLR12Y-B cable is a reduced wall thickness TPE-E insulated single-core cable for automotive applications used for cable harnesses.

## CHARACTERISTICS

### Temperature Rating

-40°C to +150°C

## CONSTRUCTION

### Conductor

Bare Copper ETP1 (Type B)

### Insulation

TPE-E (Thermoplastic Elastomer)

### Sheath Colour

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

## DIMENSIONS

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NOMINAL NO. AND WIRES DIAMETER No/mm	MAXIMUM CONDUCTOR DIAMETER mm	NOMINAL THICKNESS INSULATION mm	MINIMUM OVERALL DIAMETER mm	MAXIMUM OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A2AT026000035**	1	0.35	12/0.21	0.90	0.20	1.3	1.4	4.5
A2AT026000005**	1	0.50	16/0.21	1.00	0.22	1.5	1.6	6.6
A2AT026000075**	1	0.75	24/0.21	1.20	0.24	1.8	1.9	9.0
A2AT0260010**	1	1.00	32/0.21	1.35	0.24	2.0	2.1	11
A2AT0260015**	1	1.50	30/0.26	1.70	0.24	2.3	2.4	16
A2AT0260025**	1	2.50	50/0.26	2.20	0.28	2.9	3.0	26
A2AT0260040**	1	4.00	56/0.31	2.75	0.32	3.6	3.7	42
A2AT0260060**	1	6.00	84/0.31	3.30	0.32	4.2	4.3	61

## STANDARDS

DIN EN 13602, ISO 6722 Class D

## 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™.





## ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	MAXIMUM CONDUCTOR ELECTRICAL RESISTANCE AT 20 °C mΩ/m
0.35	55.5
0.50	38.2
0.75	25.4
1.00	19.1
1.50	13.0
2.50	7.82
4.00	4.85
6.00	3.23

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