



## FLR6Y-A Cable



Eland Product Group:

### APPLICATION

The FLR6Y-A cable is an FEP insulated reduced wall thickness low-tension automotive cable used in motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits. Offers heat and cold resistance as well as excellent resistance to oils, fuels, breaking fluids, acids, lyes and organic media.

### CHARACTERISTICS

#### Temperature Rating

-65°C to +210°C

### CONSTRUCTION

#### Conductor

Cu-ETP1 Bare Copper (Type A)

#### Insulation

FEP (Tetrafluoroethylene hexafluoropropylene)

#### Sheath Colour

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

### DIMENSIONS

ELAND PART NUMBER	NUMBER OF CORES	NOMINAL CROSS-SECTION	NOMINAL NO. AND DIAMETER OF WIRES	MAXIMUM DIAMETER OF CONDUCTOR	NOMINAL ELECTRICAL RESISTANCE AT 20°C MAX	NOMINAL INSULATION THICKNESS	NOMINAL OVERALL DIAMETER (MIN)	NOMINAL OVERALL DIAMETER (MAX)	NOMINAL WEIGHT
		mm	No./mm	mm	mΩ/m	mm	mm	mm	kg/km
A2AT01800035**	1	0.35	7/0.26	0.8	54.4	0.2	1.2	1.3	4
A2AT01800005**	1	0.5	19/0.19	1.0	37.1	0.22	1.4	1.6	7
A2AT01800075**	1	0.75	19/0.23	1.2	24.7	0.24	1.7	1.9	9
A2AT0180010**	1	1.00	19/0.26	1.35	18.5	0.24	1.9	2.1	12
A2AT0180015**	1	1.5	19/0.32	1.7	12.7	0.24	2.2	2.4	17
A2AT0180025**	1	2.5	19/0.41	2.2	7.6	0.28	2.7	3.0	27

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 F

### 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™.

