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**ELAND[®]
CABLES**

FLU6Y Cable



Eland Product Group:

APPLICATION

The FLU6Y cable is an FEP insulated low-tension automotive cable with ultra-low thickness insulation used in cable harnesses and 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

-40°C to +200°C

CONSTRUCTION

Conductor

Plain Tinned Silver

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 mm ²	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
A2AT020000013**	1	0.13	7/0.16	0.5	140	0.16	0.85	0.95	2.3
A2AT020000014**	1	0.14	7/0.16	0.5	140	0.16	0.85	0.95	2.3
A2AT020000022**	1	0.22	7/0.21	0.7	86.5	0.16	0.95	1.05	2.9
A2AT020000035**	1	0.35	7/0.26	0.7	55.5	0.16	1.10	1.20	4.3
A2AT02000005**	1	0.50	19/0.19	1.0	38.2	0.16	1.30	1.40	6.4
A2AT02000075**	1	0.75	19/0.23	1.2	25.4	0.16	1.50	1.60	8.8
A2AT0200010**	1	1.00	19/0.26	1.4	19.1	0.16	1.65	1.75	10.8
A2AT0200015**	1	1.50	19/0.32	1.7	13.0	0.16	1.90	2.10	15.8
A2AT0200025**	1	2.50	19/0.41	2.2	7.82	0.20	2.45	2.75	25.8

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™.

