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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- or Nickel-plated copper

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 ²	No/mm	mm	mΩ/m	mm	mm	mm	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

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability



SCIENCE
BASED
TARGETS

**BUSINESS
AMBIITION FOR 1.5°C**



REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab[®].

