



Eland Product Group: A2A

## APPLICATION

The HDT cable is a heavy-duty PVC insulated single-core wire designed for automotive applications.

## CHARACTERISTICS

### Temperature Rating

-40°C to +85°C

## CONSTRUCTION

### Conductor

Soft-annealed copper

### Insulation

PVC (Polyvinyl chloride)

### Sheath Colour

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

## STANDARDS

ASTM B3, SAE J1128

## 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™.



## DIMENSIONS

ELAND PART NO.	NUMBER OF CORES	AWG SIZE	NOMINAL NO. AND WIRES DIAMETER No/mm	MAXIMUM CONDUCTOR DIAMETER mm	NOMINAL THICKNESS INSULATION mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A2AT05520AWG**	1	20	7/0.31	1.00	0.91	2.80	14
A2AT05518AWG**	1	18	16/0.26	1.50	0.94	3.00	20
A2AT05516AWG**	1	16	19/0.29	1.50	1.02	3.50	25
A2AT05514AWG**	1	14	19/0.36	1.80	1.04	3.90	33
A2AT05512AWG**	1	12	19/0.45	2.30	1.17	4.60	49
A2AT05510AWG**	1	10	19/0.57	3.00	1.17	5.30	71
A2AT05508AWG**	1	8	49/0.45	3.70	1.40	6.50	98

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