

# HDT Cable



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

## 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](http://www.elandcables.com/company/about-us/esg-sustainability)



## 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®.



## 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			

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.