

# TECHNICAL DATASHEET – D10

## Limited Fire Hazard Screened



**Specification**  
**Voltage Rating**  
**Description**

**Defence Standard 02-526 (NES526) Table B10**  
**0.44 kV**  
**Stranded & Flexible tinned copper conductors,**  
**LFH insulation, cores laid up, TCWB, LFH sheath**

Nato Stock Number (6145-99)	No. of cores & Nominal Cross Sectional Area of Conductor	No. & Nominal Diameter of Strands	Maximum DC Conductor Resistance @ 20°C	Size of Tinned Copper Wire Braid	Nominal Overall Diameter	Nominal Weight
	no x mm <sup>2</sup>	no/mm	Ω/Km	mm	mm	Kg/Km
521-8463	2 x 4.00	7/0.85	4.70	0.20	13.40	239.00
521-8464	2 x 16.00	7/1.70	1.16	0.30	20.50	654.00
531-0227	3 x 10.00	7/1.35	1.84	0.20	18.70	619.00
531-0228	3 x 16.00	7/1.70	1.16	0.30	21.90	909.00
531-0229	3 x 25.00	19/1.35	0.734	0.30	26.70	1320.00
531-0230	3 x 35.00	19/1.53	0.529	0.30	28.80	1620.00
531-0231	3 x 50.00	19/1.78	0.391	0.40	33.30	2344.00
521-8530	4 x 1.00	32/0.20	20.00	0.20	15.40	-
521-8466	4 x 2.50	7/0.67	7.56	0.20	13.00	267.00
521-8531	4 x 6.00	84/0.30	3.39	0.30	27.20*	-
531-7042	19 x 0.50	16/0.20	40.10	0.20	18.30	-
531-7043	27 x 0.50	16/0.20	40.10	0.30	21.30	-
531-7044	37 x 0.50	16/0.20	40.10	0.30	24.50	-

\* Denotes maximum diameter specified in Def Stan 02-526.

521-8530 is rated at 750V and has cores coloured brown, yellow, blue & green.  
521-8531 is rated at 1100V and has cores coloured brown, yellow, blue & green.

### General Note

AEI Cables reserves the right to amend the product information without notice or liability.  
The information is considered accurate at the time of going to print.

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