



FHDT Heavy Duty 0.6/1kV Single Insulated Flexible Single Core

CONSTRUCTION	
Conductors	Tinned annealed copper conductors AS/NZS1125 Class 5
Insulation	PVC V90HT to AS/NZS3191/AS/NZS3808:2000
Voltage	0.6/1kV
Colours	Red, Black, Blue, Grey, Orange, Brown, White, Pink, Violet, Yellow, (Green Yellow)

FEATURES	
RoHS COMPLIANT	
Excellent Flexibility	
UV Stabilised	
99.9% OFHC (Oxygen Free High Conductivity) Copper which does not show any brittleness	

APPLICATIONS	
Single core power for flexible and fixed applications	
Internal Switchboard Wiring	
Machine & Equipment Cabling	
Other Industrial Applications	

PACKAGING	
Standard Length Cable Packing	100m & 500m: Other lengths are available at time of manufacture
Standard Cable Markings	Manufacturer V90HT 0.6/1kV

Product Code	Nominal Area mm ²	No Strands/ø mm	Nominal Insulation Thickness mm	Max DC Resistance @20°C mΩ/mt	Amps **	Nominal OD mm	Mass Kg/Mtr
FHDT11602	1 x 0.5	16/0.20	0.80	40.10	3	2.55	0.011
FHDT12402	1 x 0.75	24/0.20	0.80	26.70	7.5	2.75	0.014
FHDT13202	1 x 1	32/0.20	0.80	20.00	16	2.95	0.017
FHDT130025	1 x 1.5	30/0.25	0.80	13.70	21	3.15	0.022
FHDT150025	1 x 2.5	50/0.25	0.90	8.21	27	3.90	0.035
FHDT15603	1 x 4	56/0.30	1.00	5.09	37	4.70	0.053
FHDT18403	1 x 6	84/0.30	1.10	3.39	47	5.46	0.076
FHDT17704	1 x 10	77/0.40	1.30	2.02	66	6.70	0.091

Please Note**

Amperage ratings specified are in accordance with AS/NZS 3008.1.1.2009 Table 7.(Flexible "Spaced"). Further Current ratings are available in the technical section of this catalogue.
Derating factor may apply, refer to AS/NZS 3008.1.1.2009.

Please Note

Please consult with your Electrician / Engineer to ensure this cable is suitable for the intended application and installation.
Elcon Cables takes every precaution to ensure the information in this publication is correct but accepts no liability of any kind and reserves the right to change any detail in this catalogue without notification.

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