AUSTECH WIRE & CABLE RoHS Compliant

Battery and Starter Cable

RoHS Compliant

Single core Insulation 90^{0}C to AS/NZS 3808:2000

Conductor: Plain Copper Conductor to AS1125

Insulation: V90 to AS/NZS 3808:2000

Colors: Red and Black (other colors to customer requirements by quotation)

Pack Size: 30mt,100mt and 500mt.

Voltage Rating AC 50V / DC 120V to AS/NZS 3000:2000

Code	Number of Strands x wire Ø mm	Nominal Area mm^2	AMP Rating at 30^{0}C	Average Insulation Thickness mm	OFHC Max D.C. Resistance at 20° C m Ω/mt	Nominal O.D. mm	Mass Kg/100mt
ABS8	112/0.30	7.92	74	0.90	**2.36**	5.40	8.90
ABS6	189/0.30	13.36	103	1.10	**1.40**	6.90	14.80
ABS4	287/0.30	20.25	135	1.10	**0.92**	8.00	21.60
ABS3	364/0.30	25.70	170	1.60	**0.72**	9.80	28.90
ABS2	455/0.30	32.15	190	1.70	**0.58**	10.70	35.70
ABS1	560/0.30	39.55	210	1.70	**0.47**	11.50	43.00
ABS0	700/0.30	49.45	246	1.70	**0.38**	12.50	52.60
ABS00	910/0.30	64.30	292	1.70	**0.29**	13.50	66.90
ABS000	1204/0.30	85.00	335	2.00	**0.22**	16.00	88.90

NOTE: **AMP rating Based on 100% DUTY CYCLE.**
NOT SUITABLE FOR CONNECTION TO MAINS POWER SUPPLY.

AMP RATING ARE BASED ON JASO D609:2001 single core AMBIENT TEMPERATURE AT 30^{0}C

OFHC (oxygen free high conductivity copper) is employed in audio and industrial electronic units.

Features:

1. High electric and thermal conductivity
Since OFHC contains oxygen and impurities in very small quantities only,
it shows excellent electric conductivity and thermal conductivity
(Oxygen and impurities reduce the conductivity)

2. Excellent hydrogen enbrittlement resistance
(TPC) Tough pitch copper becomes very brittle
when it is heated at higher then 600^0 C under a reduction gas atmosphere including hydrogen gas.
Since OFHC contains a very low oxygen content only, it does not show any brittleness

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