

Battery Cables

COPPER • RUBBER



01 | APPLICATION:

Suitable for use in automotive applications, solar battery bank wiring, power inverter battery cables, marine battery cables, NEC Code wiring situations and many other applications calling for a durable yet flexible battery cable.

02 | CONSTRUCTION:

Conductor:	bare copper or tinned copper
Insulation:	PVC or rubber retardant.halogen free electron-beam cross-linked
Jacket:	XLPOflame retardant.halogen freeelectron-beam cross-linked.
Color:	● Black ● Red

03 | CHARACTERISTICS:

Test voltage:	3 kV
Contact material:	Copper, Tin-plated
Contact resistance:	Less than 0.35 mΩ
Degree of protection:	IP68
Ambient temperature:	-40°C +120°C
Voltage Rating:	DC
Insulationresistance:	1500V/AC:1.0kV 1000Ω/km
Flame retardant:	EN60332.1-1

04 | STANDARDS:

RoHS CE Tuv



DIMENSIONS

KUKA CABLE PART NO	Copper	Nom. Cross Section (mm ²)	Nom. Current Rating (amps)	Resistance @20 °C (Ω/km)	Overall Dia (Max) (mm)	Nom. Ins. Thickness (mm)
K3BA1001	206/0.3	16	110	1.317	8.20	1.35
K3BA1001	266/0.3	20	135	1.010	8.95	1.35
K3BA1001	322/0.3	25	170	0.843	10.05	1.50
K3BA1001	539/0.3	40	300	0.503	12.70	1.70
K3BA1001	805/0.3	60	415	0.337	14.95	1.90
K3BA1001	684/0.4	95	500	0.206	17.90	2.10

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.