Caledonian

Bare Copper Conductor

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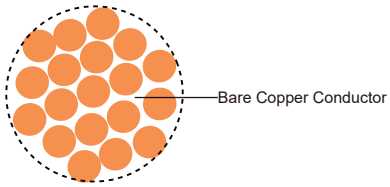
CCL-BC-R(Cu Class2)



APPLICATION

Stranded bare soft or annealed copper conductors are recommended for use as neutrals, in circuit ground connections as well as machinery and equipment grounding systems. Soft copper may be used for transformer drop leads or other non-tension hook-up jumpers.

STANDARDS

Basic design to IEC/BS EN 60228 class 2

FEATURES AND BENEFITES

Stranded bare soft or annealed copper conductors are suitable for direct burial and do not suffer from the inherent corrosion problems that an aluminum conductor would. Copper is almost twice as conductive as aluminum. Copper is easier than aluminum to terminate and join at splices and joints.

CABLE CONSTRUCTION

Conductor: Bare copper conductors are compressed concentric-lay-stranded consisting of one or more layers of wire wrapped helically around a straight round central wire according to IEC/BS EN 60228 class 2.

CONSTRUCTION PARAMETER

Part No.	No. of Cores × Cross-sectional Area	No./Nominal Diameter of Strands	Conductor Nominal Diameter	Approx. Weight
	No.×mm^2	mm	mm	kg/km
CCL-BC-R 16	1×16	7/1.70	5.1	7.6
CCL-BC-R 35	1×35	7/2.52	7.56	314
CCL-BC-R 50	1× 50	19/1.78	8.90	430
CCL-BC-R 70	1×70	19/2.14	10.70	625
CCL-BC-R 95	1×95	19/2.52	12.60	866
CCL-BC-R 120	1×120	37/2.03	14.25	1090
CCL-BC-R 185	1×185	37/2.52	17.64	1680
CCL-BC-R 240	1×240	61/2.25	20.30	2220
CCL-BC-R300	1×300	61/2.52	22.68	2780