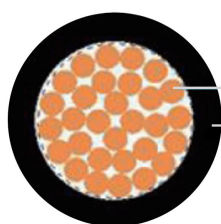


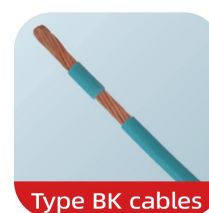
BK,CK-90°C,CK-105°C Heat-resisting Cable BS6231

APPLICATION AND DESCRIPTION

BASEC
BRITISH APPROVALS SERVICE FOR CABLES



- Bare copper conductor
- PVC insulation



- © IEC 60228 or BS EN 60228 Class 5
- © Special heat resistant PVC core insulation

CORE IDENTIFICATION

- © Black,Blue, Brown, Red, White, Yellow, Grey, Green/Yellow, other colors upon request

TECHNICAL CHARACTERISTICS

TECHNICAL CHARACTERISTICS	
Working voltage	600/1000V
Minimum bending radius	6×Overall diameter
Operating temperature	Type BK -15°C to +70°C, Type CK-15°C to +90°C or +105°C
Flame retardant	BS EN 60332-1-2
Insulation resistance	20MΩ·km

AWG (No of Strands/Strand Diameter)	No. of Cores xNominal CrossSectional Area #xmm ²	NominalThickness of Insulation mm	Nominal Overall Di- ameter mm	Approx. Weightkg/ km
20(16/32)	1x0.5	0.8	2.5	12
18(24/32)	1x0.75	0.8	2.7	15
17(32/32)	1x1.0	0.8	3.0	18
16(30/30)	1x1.5	0.8	3.2	23
14(50/30)	1x2.5	0.8	3.7	34
12(56/28)	1x4	0.8	4.2	48
10(84/28)	1x6	0.8	4.7	67
8(80/26)	1x10	1.0	6.5	119
6(128/26)	1x16	1.0	8.0	187
4(200/26)	1x25	1.2	9.4	291
2(280/26)	1x35	1.2	10.6	406
1(400/26)	1x50	1.4	12.9	580
2/0(3 56/24)	1x70	1.4	14.6	780
3/0(485/24)	1x95	1.6	16.1	1055
4/0(614/24)	1x120	1.6	17.9	1175
300 MCM (765/24)	1x150	1.8	20.2	1425
350 MCM (944/24)	1x185	2.0	22.9	1735
500MCM(1225/24)	1x240	2.2	24.4	2310

※Cables above 120mm² in size are referred to as Bi-rated since the CSA standard applies only to sizes up to and including 120mm²