

Applications

SIMBAL 'Extensiflex 'K' extensible cables are suitable for use in a large range of general purpose applications including hand tools & power supplies to electronic tills.

Design

1. **Conductor** :- Flexible plain copper, to DIN VDE 0295
2. **Insulation** :- PVC Y12
3. **Outer Sheath** :- Polyurathene 11YM1
4. **Colour** :- Black, White, Orange, Yellow (other colours on request)

Core Identification

Up to 5 cores - colour coded according to VDE 0293
Multi cores - Black cores with White numbers
with green / yellow earth core

Standards

Manufacturers standard



Mechanical Properties	
Closed Spiral Length	3000mm Maximum
Extended Length	4 x Closed Length
Straight Ends (Tails)	200mm / 200mm std. (special lengths available on request)
Chemical Properties	
Oil resistant acc. To VDE 0472 part 803 test type B	
Electrical & Thermal Properties	
Nominal Voltage	300/500V
Test Voltage	2000 V
Current Rating	See below
Max surface temperature	- 5 deg C / + 80 deg C

Cable Specification

Number of cores & nominal cross section	Part No.	Gland PG (Metric)	Current rating at 30 deg C	Cable diameter Approx	Coil diameter Approx
2c x 0.75mm ²	08075 0075 02	PG7 / M20-16	13 Amps	5.6mm	19 - 24mm
3c x 0.75mm ²	08075 0075 03	PG7 / M20-16	13 Amps	6.1mm	20 - 25mm
4c x 0.75mm ²	08075 0075 04	PG9 / M20-16	13 Amps	7.1mm	24 - 29mm
5c x 0.75mm ²	08075 0075 05	PG9 / M20S	13 Amps	7.5mm	25 - 30mm
7c x 0.75mm ²	08075 0075 07	PG11 / M20-16	13 Amps	8.8mm	32 - 37mm
2c x 1.00mm ²	08075 0100 02	PG9 / M20-16	16 Amps	6.6mm	21 - 26mm
3c x 1.00mm ²	08075 0100 03	PG9 / M20-16	16 Amps	7mm	22 - 27mm
4c x 1.00mm ²	08075 0100 04	PG11 / M20-16	16 Amps	7.9mm	26 - 31mm
5c x 1.00mm ²	08075 0100 05	PG11 / M20S	16 Amps	9mm	30 - 35mm
7c x 1.00mm ²	08075 0100 07	PG13.5 / M20S	16 Amps	10.8mm	36 - 41mm
12c x 1.00mm ²	08075 0100 12	PG16 / M20	16 Amps	12.8mm	44 - 49mm
18c x 1.00mm ²	08075 0100 18	PG21 / M25	16 Amps	16.4mm	61 - 66mm
2c x 1.50mm ²	08075 0150 02	PG9 / M20-16	20 Amps	7.1mm	24 - 29mm
3c x 1.50mm ²	08075 0150 03	PG11 / M20-16	20 Amps	7.8mm	26 - 31mm
4c x 1.50mm ²	08075 0150 04	PG11 / M20S	20 Amps	8.4mm	29 - 34mm
5c x 1.50mm ²	08075 0150 05	PG11 / M20S	20 Amps	9.4mm	33 - 38mm
7c x 1.50mm ²	08075 0150 07	PG13.5 / M20S	20 Amps	10.6mm	44 - 49mm
12c x 1.50mm ²	08075 0150 12	PG16 / M25	20 Amps	13.6mm	55 - 60mm
18c x 1.50mm ²	08075 0150 18	PG21 / M25	20 Amps	16.8mm	62 - 67mm
25c x 1.50mm ²	08075 0150 25	PG29 / M32	20 Amps	20mm	68 - 73mm
3c x 2.50mm ²	08075 0250 03	PG11 / M20S	30 Amps	9.3mm	33 - 38mm
5c x 2.50mm ²	08075 0250 05	PG13.5 / M20	30 Amps	11.4mm	41 - 46mm