



Single Core Multi Stranded Panel Flex/Single Flex

### Construction

High conductivity bunched plain flexible copper conductors, insulated with general purpose grade PVC in all colours. Insulation is water, oil and abrasion resistant.

### Applications

For the wiring of all types of control panels, light fittings, appliances, communication panels, signalling relay racks as well as many other applications. Manufactured to SABS 1574, these products are used by public transport services, municipalities, Telkom, Eskom, major switchgear companies, electrical contractors and electricians.

### Specification (SABS 1574)

**Voltage Rating:** PF type 300/500; Volts SF type 600/1000 Volts

**Test Voltage:** 5000/6000 Volts

**Current Capacity AC:** As per table below

**Temperature Range:** -10° to +80°C

**Flexibility Class:** 4 & 5

**Conductor Type:** High conductivity annealed copper

**Insulation Material:** Flexible grade PVC

**Colour Options:** Blue, Black, Brown, Yellow, Green/ Yellow, Orange, Pink, Violet, Grey, White, Red and Green

### Packaging

Available in 100 metre shrink-wrapped coils.

### Technical Data

Product Code	Size mm <sup>2</sup>	Stranding No x Dia	Nominaal Dia	Nominal Amps*	Nominal Mass
PF0.50	0.5	14 x 0.21	2.1	3	0.89
PF0.75	0.75	21 x 0.21	2.7	6	1.39
PF1.00	1	28 x 0.21	2.9	10	1.67
PF1.50	1.5	42 x 0.21	3.2	16	2.21
PF2.50	2.5	44 x 0.26	3.6	25	3.1
PF4.00	4	48 x 0.31	4.5	32	5.05
PF6.00	6	72 x 0.31	5.1	41	7.02
PF10.0	10	126 x 0.31	6.1	57	11.53
PF16.0	16	200 x 0.31	7.3	76	17.53
PF25.0	25	312 x 0.31	9.2	101	28.12
PF35.0	35	440 x 0.31	9.8	125	36.74
PF50.0	50	632 x 0.31	12.4	151	53.82
PF70.0	70	904 x 0.31	14	192	73.87
PF95.0	95	678 x 0.41	16.3	232	99.09
PF120	120	864 x 0.41	18.4	269	123.53