

# FLEXIBLE ORDINARY DUTY MULTICORE CABLE

## PVC 250/440V 90°C



SERIES



### APPLICATIONS:

**Lighting** Used for interconnection for various forms of lighting including Fluorescent Fittings, High bays / Low bays, Floodlights & Reading Lamps

**Appliance** Suitable for use as interconnection leads for appliances

**Extension Leads** Suitable for domestic power leads (Not industrial or harsh environments)

**Audio** Oxygen free copper for audio applications.

### CONSTRUCTION:

**Conductor** Annealed fine wires of Plain electrolytic copper stranded for HIGH flexibility VDE 0295 Class 5

**Insulation** V90 SPVC

**Sheath** V90 SPVC

### CHARACTERISTICS:

**Temperature Range** Fixed -20 to 90°C / Flexing -5 to 75°C

**Rated Voltage** U<sub>0</sub>/U 250/440V **Max AC Operating Voltage** U<sub>0</sub> 318V

**Minimum Bending Radius** Fixed 7.5 x cable diameter / Flexing 15 x cable diameter.

**Sheath Colour** Black, White, (Other colours available on request)

**Standard Core Colours** 2 core – Light Blue, Brown

3 core – Light Blue, Brown, G/Y

4 core – Brown, Black, Grey, G/Y

5 core – Blue, Brown, Black, Grey, G/Y

**Maximum Conductor Temperature** 90°C

**Relevant Standards** DIN VDE 0295, AS/NZS 3191, AS/NZS3008, AS/NZS 1125, CE Directive 2006/95/EC and **RoHS** Compliant.

### PRODUCT FEATURES:

- ▶ Meter marked
- ▶ UV Stabilised
- ▶ Heat, oil and chemical resistant (refer to chemical chart page 264)
- ▶ Extremely fine stranded copper conductor
- ▶ Flame retardant

Part Number	Number of Cores x Size mm <sup>2</sup>	Approximate Stranding No. wires x mm	Approximate Overall Diameter mm	Approximate Weight Kg/Km	Nominal Amps Unenclosed In Air	Single Phase Volt Drop
						CONDUCTOR TEMP 75°C Mv/Am
PF02/0.5	2 x 0.5	16/0.20	5.1	40	3	94.7
PF02/0.75	2 x 0.75	24/0.20	6.5	60	7.5	63.2
PF02/1.0	2 x 1.0	32/0.20	6.8	70	10	47.5
PF02/1.5	2 x 1.5	28/0.26	7.8	100	15	32.3
PF02/2.5	2 x 2.5	47/0.26	9.6	160	20	19.4
PF02/4.0	2 x 4.0	60/0.29	10.6	180	25	12.0
PF03/0.5	3 x 0.5	16/0.20	6.4	40	3	94.7
PF03/0.75	3 x 0.75	24/0.20	6.8	70	7.5	63.2
PF03/1.0	3 x 1.0	32/0.20	7.2	100	10	47.5
PF03/1.5	3 x 1.5	28/0.26	8.5	120	15	32.3
PF03/2.5	3 x 2.5	47/0.26	10.4	150	20	19.4
PF03/4.0	3 x 4.0	60/0.29	11.5	230	25	12.0
PF04/0.5	4 x 0.5	16/0.20	6.9	60	3	94.7
PF04/0.75	4 x 0.75	24/0.20	7.5	70	7.5	63.2

▶ Continued Over Page ▼



Firstflex has taken every precaution to ensure accurate information in this catalogue but accept no liability for any errors or omissions. Firstflex reserves the right to modify specifications at any time.

Part Number	Number of Cores X Size  mm <sup>2</sup>	Approximate Stranding	Approximate Overall Diameter	Approximate Weight	Nominal Amps Unenclosed In Air	Single Phase Volt Drop
		No. wires x mm	mm	Kg/Km		CONDUCTOR TEMP 75°C Mv/Am
PF04/1.0	4 x 1.0	32/0.20	8.1	100	10	47.5
PF04/1.5	4 x 1.5	28/0.26	9.4	140	15	32.3
PF04/2.5	4 x 2.5	47/0.26	11.5	250	20	19.4
PF04/4.0	4 x 4.0	60/0.29	12.7	300	25	12.0
PF05/0.75	5 X 0.75	24/0.20	8.1	100	7.5	63.2
PF05/1.0	5 x 1.0	32/0.20	8.8	125	10	47.5
PF05/1.5	5 x 1.5	28/0.26	9.8	170	15	32.3
PF05/2.5	5 x 2.5	47/0.26	11.7	250	20	19.4
PF05/4.0	5 X 4.0	60/0.29	13.8	360	25	12.0