



Power Flex Control Series

Flexible Black Control Cable for safety and signaling

CONSTRUCTION

Conductors	Class 5 Flexible Copper Conductors
Insulation	PVC (Self Extinguishing, oil resistant, Flame retardant)
Outer Jacket	UV Resistant Polyvinyl Chloride PVC
Voltage	300/500V
Colour Code	White Numbered Cores + Earth (G/Y)
Bending Radius	Fixed 4x Cable diameter, Flexing 10x Cable diameter

PROPERTIES

Strength	Medium mechanical stresses
Water resistance	Moist/wet rooms, not for submersible application
Environmental Resistance	UV resistant, resistance to oils
Fire Performance	Flame retardant IEC 60332-1-2
Temperature Range	-40C to + 80C (Fixed), -25 to +70C Flexing

APPLICATIONS

Conveyer belts, production lines in machinery production

Air conditioning and steel production

Measuring and control

Tools and machinery

Music and sound production

PACKAGING

Roll Lengths	500M, 100M, Cut Lengths
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Product code	Cross-section mm ²	Overall Diameter	Weight (kg/km)
PF02/0.5	2 X 0.5	5.5	48
PF03/0.5	3G 0.5	5.5	48
PF04/0.5	4G 0.5	6.0	56
PF05/0.5	5G 0.5	6.5	66
PF07/0.5	7G 0.5	7.4	86
PF12/0.5	12G 0.5	9.6	140
PF02/0.75	2 X 0.75	5.4	45
PF03/0.75	3G 0.75	6.0	60
PF04/0.75	4G 0.75	6.8	74
PF05/0.75	5G 0.75	7.4	88
PF07/0.75	7G 0.75	8.0	112
PF12/0.75	12G 0.75	10.8	188
PF18/0.75	18G 0.75	12.7	270
PF02/1.0	2 X 1.0	5.7	53
PF03/1.0	3G 1.0	6.4	69
PF04/1.0	4G 1.0	7.3	88
PF02/1.5	2 X 1.5	7.3	94
PF03/1.5	3G 1.5	7.3	94
PF04/1.5	4G 1.5	7.9	114
PF04/2.5	4G 2.5	9.9	180
PF05/2.5	5G 2.5	11.0	220
PF12/2.5	12G 2.5	16.4	490
PF18/2.5	18G 2.5	19.6	710