

Surface Wiring Cables

6241/2/3Y Multicore 70°C PVC Insulated & Sheathed Flexible Cables with Circuit Protective Conductor

Cable Description: 300/500V Single core 70°C PVC insulated, sheathed ordinary flexible cable with circuit protective conductor (bare earth), single, flat twin and 3 core.

Reference Code: 6241Y, 6242Y, 6243Y

Standard: BS 6004

Conductors: Solid or Class 2 annealed copper conductors to BS 6360 in the size range from 1 mm² to 16 mm².

Insulation: 70°C PVC

Voltage Rating: 300/500V

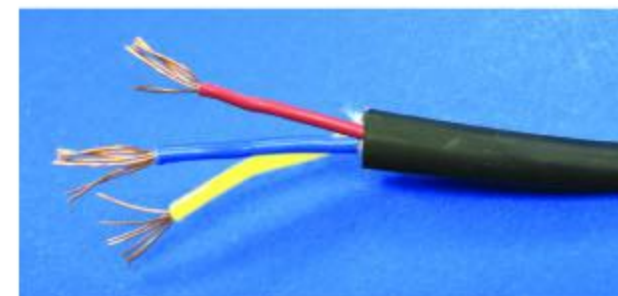
Core Identification: Single Core: Red

Flat Twin: Red, Black

Three Core: Red, Yellow, Blue

Assembly: Cores and CPC laid parallel within sheath

Sheath: 70°C PVC



6241Y

Nominal Cross-sectional Area of Conductor	Conductor Construction (Number and Diameter of Wires)	Nominal Thickness of Insulation	Nominal Thickness of Sheath	Nominal Overall Diameter		Nominal Cross-Sectional Area of CPC	Approx. Weight	Minimum Bending Radius for Fixed Wiring
				Lower Limit	Upper Limit			
mm ²	No. /mm	mm	mm	mm	mm	mm ²	kg/km	mm
1.0	1/1.13	0.6	0.9	4.0×5.1	5.2×6.4	1.0	45	20
1.5	1/1.38	0.7	0.9	4.4×5.4	5.8×7.0	1.0	55	21

6242Y

Nominal Cross-sectional Area of Conductor	Conductor Construction (Number and Diameter of Wires)	Nominal Thickness of Insulation	Nominal Thickness of Sheath	Nominal Overall Diameter		Nominal Cross-Sectional Area of CPC	Approx. Weight	Minimum Bending Radius for Fixed Wiring
				Lower Limit	Upper Limit			
mm ²	No. /mm	mm	mm	mm	mm	mm ²	kg/km	mm
1.0	1/1.13	0.6	0.9	4.0×7.2	4.7×8.6	1.0	68	26
1.5	1/1.38	0.7	0.9	4.4×8.2	5.4×9.6	1.0	85	29
2.5	1/1.77	0.8	1.0	5.2×9.8	6.2×11.5	1.5	120	46
4.0	7/0.85	0.8	1.0	5.6×10.5	7.2×13.0	1.5	175	52
6.0	7/1.04	0.8	1.1	6.4×12.5	8.0×15.0	2.5	240	60
10.0	7/1.35	1.0	1.2	7.8×15.5	9.6×19.0	4.0	390	76
16.0	7/1.70	1.0	1.3	9.0×18.0	11.0×22.5	6.0	560	90

6243Y

Nominal Cross-sectional Area of Conductor	Conductor Construction (Number and Diameter of Wires)	Nominal Thickness of Insulation	Nominal Thickness of Sheath	Nominal Overall Diameter		Nominal Cross-Sectional Area of CPC	Approx. Weight	Minimum Bending Radius for Fixed Wiring
				Lower Limit	Upper Limit			
mm ²	No. /mm	mm	mm	mm	mm	mm ²	kg/km	mm
1.0	1/1.13	0.6	0.9	4.0×9.6	4.7×11.0	1.0	91	44
1.5	1/1.38	0.7	0.9	4.4×10.5	5.4×12.5	1.0	115	50

6192P 60°C Rubber Insulated & PCP Sheathed Festoon Lighting Cables

Cable Description: 300/500V Single core 60°C Rubber insulated & PCP sheathed ordinary flexible cable, flat twin.

Reference Code: 6192P

Standard: BS 6007

Conductors: Tinned copper conductors 2.5 mm²

Insulation: 60°C Vulcanized Rubber

Voltage Rating: 300/500V

Core Identification: Red & Black

Assembly: Cores laid parallel within sheath

Sheath: PCP (polychloroprene)



Nominal Cross-sectional Area of Conductor	Conductor Construction (Number and Diameter of Wires)	Nominal Thickness of Insulation	Nominal Thickness of Sheath	Nominal Overall Diameter		Approx. Weight	Minimum Bending Radius for Fixed Wiring
				Lower Limit	Upper Limit		
mm ²	No. /mm	mm	mm	mm	mm	kg/km	mm
2.5	7/0.67	0.8	1.1	5.4×8.8	6.8×11.0	120	44

6181Y Single Core 70°C PVC Insulated & Sheathed Surface Wiring Cables

Cable Description: 300/500V Single core 70°C PVC insulated and sheathed surface wiring cable.

Reference Code: 6181Y

Standard: BS 6004

Conductors: Solid or Class 2 annealed copper conductors to BS 6360 in the size range from 1 mm² to 35 mm²

Insulation: 70°C PVC

Voltage Rating: 300/500V

Core Identification: Red, Black

Sheath: 70°C PVC



Nominal Cross-sectional Area of Conductor	Conductor Construction (Number and Diameter of Wires)	Nominal Thickness of Insulation	Nominal Thickness of Sheath	Nominal Overall Diameter		Approx. Weight	Minimum Bending Radius for Fixed Wiring
				Lower Limit	Upper Limit		
mm ²	No. /mm	mm	mm	mm	mm	kg/km	mm
1.0	1/1.13	0.6	0.8	3.8	4.5	26	14
1.5	1/1.38	0.7	0.8	4.2	4.9	35	15
2.5	1/1.77	0.8	0.8	4.8	5.8	55	18
4.0	7/0.85	0.8	0.9	5.4	6.8	75	21
6.0	7/1.04	0.8	0.9	6.0	7.4	95	23
10.0	7/1.35	1.0	0.9	7.2	8.8	155	27
16.0	7/1.70	1.0	1.0	8.4	10.5	225	42
25.0	7/2.14	1.2	1.1	10.0	12.5	340	50
35.0	7/2.52	1.2	1.1	11.0	13.5	445	54