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Flexible Power cable, Copper conductor V-90 PVC insulation 5V-90 PVC sheath

Application: For mains, sub mains and sub circuits unenclosed, enclosed in conduit buried direct or underground ducts for buildings and industrial plants where not subject to mechanical damage. Suitable for glanding.

Standard: AS/NZS 5000.1

Conductor: Class 6 of plain annealed copper conductor to AS/NZS 1125

Conductor stranding: ☐

No.	Cross-section mm ²	stranding mm
1	2.5	76/0.20
2	4	126/0.20
3	6	182/0.20
4	10	315/0.20
5	16	497/0.20
6	25	779/0.20
7	35	1083/0.20
8	50	703/0.30
9	70	988/0.30

Can also be operated at temperatures up to 90°C when not exposed to mechanical deformation ☐
(see AS/NZS 3008.1)

Insulation: V-90 PVC

Colours:

2C+E--red, black, green/yellow;
 3C+E--red, white, blue, green/yellow;
 4C+E--red, white, blue, black, green/yellow.

Sheath: 5V-90 PVC

Colours: Orange

Cable Specification:

NO.	Code	Cor e No.	×	Cross- section mm ²	+	Earth core section mm ²	Core insulation thickness mm	Earth insulation thickness mm	Sheath thickness mm	O/D mm
1	FSRC2040E	2	×	4	+	2.5	1.0	0.8	1.8	13.0
2	FSRC2060E	2	×	6	+	2.5	1.0	0.8	1.8	14.0
3	FSRC2100E	2	×	10	+	4	1.0	1.0	1.8	16.0
4	FSRC2160E	2	×	16	+	6	1.0	1.0	1.8	18.0
5	FSRC2250E	2	×	25	+	6	1.2	1.0	1.8	22.0
6	FSRC2350E	2	×	35	+	10	1.2	1.0	1.8	24.0
7	FSRC2500E	2	×	50	+	16	1.4	1.0	1.9	29.0
8	FSRC3040E	3	×	4	+	2.5	1.0	0.8	1.8	15.0
9	FSRC3060E	3	×	6	+	2.5	1.0	0.8	1.8	16.0
10	FSRC3100E	3	×	10	+	4	1.0	1.0	1.8	18.0
11	FSRC3160E	3	×	16	+	6	1.0	1.0	1.8	20.0

Cable Specification:

NO.	Code	Core No.	×	Cross- section mm ²	+	Earth core section mm ²	Core insulation thickness mm	Earth insulation thickness mm	Sheath thickness mm	O/D mm
12	FSRC3250E	3	×	25	+	6	1.2	1.0	1.8	24.0
13	FSRC3350E	3	×	35	+	10	1.2	1.0	1.8	26.0
14	FSRC3500E	3	×	50	+	16	1.4	1.0	1.9	31.0
15	FSRC4040E	4	×	4	+	2.5	1.0	0.8	1.8	16.0
16	FSRC4060E	4	×	6	+	2.5	1.0	0.8	1.8	17.0
17	FSRC4100E	4	×	10	+	4	1.0	1.0	1.8	20.0
18	FSRC4160E	4	×	16	+	6	1.0	1.0	1.8	22.0
19	FSRC4250E	4	×	25	+	6	1.2	1.0	1.8	26.0
20	FSRC4350E	4	×	35	+	10	1.2	1.0	1.9	29.0
21	FSRC4500E	4	×	50	+	16	1.4	1.0	2.1	35.0
22	FSRC4700E	4	×	70	+	25	1.4	1.2	2.2	39.1



Quality ISO 9001
Certified System

Note: Other types or other lengths of the above cables can be manufactured according to customers' specifications.