

FLEXIBLE CORD or FLEXIBLE CORD-FR or FLEXIBLE CORD-FRLS

2 Core (Cu/PVC/PVC)

PVC (Skin Coated) Insulated PVC Sheathed Two/ Three core Flexible cord

APPLICATION

Use on household appliances in covered, dry, steamed and humid areas where low mechanical stress exists.

STANDARD

BS 6500
BDS 899
IEC 60332 & IEC 61034

VOLTAGE GRADE

U₀/U : 300/500V

COLOR

Insulation

- 2 core (Red, Black)
- 3core (Red, Yellow & Blue)
- Sheath (White or Other Colors available on request)

CONSTRUCTION

Conductor: Flexible, Plain annealed copper, Class-5 to IEC 60228

Insulation: PVC (Skin Coated), T12 to BS 7655

Sheath:

PVC, TM2 to BS 7655

PVC-FR, TM2-FR to BS 7655

PVC-FRLS, TM2-FRLS to BS 7655



PHYSICAL DATA						ELECTRICAL DATA			
Nominal cross sectional area of conductor	No. of strands & diameter of wire	Nominal thickness of		Overall Diameter		Approx. weight of cable	Max. D.C resistance of conductor at 20 °C	Current rating at 35 °C	
		Insulation	Sheath	Lower limit	Upper limit			in conduit	in air
Core x mm ²	nos./mm	mm	mm	mm	mm	kg/km	ohm/km	amps	amps
2 x 0.4 rm	14/0.193	0.6	0.8	5.3	6.7	49	47.33	3	4
2 x 0.5 rm	16/0.20	0.6	0.8	5.4	6.8	54	39.00	3	4
2 x 0.65 rm	23/0.193	0.6	0.8	5.6	7.1	60	28.79	6	7
2 x 0.75 rm	24/0.20	0.6	0.8	5.7	7.2	64	26.00	7	8
2 x 1.0 rm	32/0.20	0.6	0.8	5.9	7.5	74	19.50	10	11
2 x 1.2 rm	40/0.193	0.6	0.8	6.5	7.9	78	16.56	13	15
2 x 1.5 rm	30/0.25	0.7	0.8	6.8	8.6	99	13.30	15	17
2 x 2.0 rm	70/0.193	0.7	0.8	8.2	9.5	127	9.46	18	20
2 x 2.5 rm	50/0.25	0.8	1.0	8.4	10.6	151	7.98	20	22
2 x 3.0 rm	110/0.193	0.8	1.1	9.8	11.2	174	6.01	24	26
2 x 4.0 rm	56/0.30	0.8	1.1	10.5	11.8	200	4.95	25	27

PHYSICAL DATA						ELECTRICAL DATA			
Nominal cross sectional area of conductor	No. of strands & diameter of wire	Nominal thickness of		Overall Diameter		Approx. weight of cable	Max. D.C resistance of conductor at 20 °C	Current rating at 35 °C	
		Insulation	Sheath	Lower limit	Upper limit			in conduit	in air
Core x mm ²	nos./mm	mm	mm	mm	mm	kg/km	ohm/km	amps	amps
3 x 0.4 rm	14/0.193	0.6	0.8	5.6	7.1	57	47.33	2	3
3 x 0.5 rm	16/0.20	0.6	0.8	5.8	7.3	64	39.00	3	4
3 x 0.65 rm	23/0.193	0.6	0.8	5.9	7.4	70	28.79	6	7
3 x 0.75 rm	24/0.20	0.6	0.8	6.0	7.6	75	26.00	7	8
3 x 1.0 rm	32/0.20	0.6	0.8	6.3	8.0	88	19.50	10	11
3 x 1.2 rm	40/0.193	0.6	0.9	6.8	8.6	100	16.56	13	15
3 x 1.5 rm	30/0.25	0.7	0.9	7.4	9.4	124	13.30	15	17
3 x 2.0 rm	70/0.193	0.7	1.0	8.8	10.2	155	9.46	18	20
3 x 2.5 rm	50/0.25	0.8	1.0	9.2	11.4	184	7.98	20	22
3 x 3.0 rm	110/0.193	0.8	1.1	10.5	11.9	215	6.01	24	26
3 x 4.0 rm	56/0.30	0.8	1.2	11.2	12.7	254	4.95	25	27

Current ratings are valid for cables laid under defined conditions at page no.163. For current ratings at deviated conditions, apply correction factor as given on page no.

Characteristics



Installation condition

