

FLEXIBLE (F/T) or FLEXIBLE-FR (F/T) or FLEXIBLE-FRLS (F/T)

2 Core (Cu/PVC/PVC)

PVC (Skin Coated) Insulated PVC Sheathed Two core Flat Twin Flexible Cable

APPLICATION

Suitable for dry place where mechanical stress do not exist, at the connections of mobile equipment.

STANDARD

BS 6500

BDS 899


IEC 60332 & IEC 61034

VOLTAGE GRADE

U_0/U : 300/500V

COLOR

Insulation  (Red, Black)

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	3.3x5.4	4.3x6.9	37	47.33	3	4
2 x 0.5 rm	16/0.20	0.6	0.8	3.5x5.6	4.4x7.0	41	39.00	3	4
2 x 0.65 rm	23/0.193	0.6	0.8	3.6x5.9	4.5x7.1	46	28.79	5	6
2 x 0.75 rm	24/0.20	0.6	0.8	3.7x6.0	4.5x7.2	48	26.00	6	7

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



Operating Temperature



Flame Retardant



Maximum Short circuit



Lead free



Skin Coated



Flexible



Resistance to Solar Radiation



Test 1.5-2kV

Installation condition



Home Use



Outdoor Installation



Open air



In conduit