

FLEXIBLE-FR (T/T) | 2 Core (Cu/PVC-FR/Twisted)

APPLICATION

Electric power Internal wiring Lighting

CONSTRUCTION

Conductor: Flexible, Plain annealed copper Class-5 to BDS IEC 60228, BDS 1322
Insulation : Specially formulated Flame Retardant (FR) PVC insulation is used. The FR property retards the propagation of flame without compromising safety.
Insulation Conformity : PVC-FR (Skin coated), T11-(with FR Property) to BS 7655, BSEN 50363-3 & BDS 1251
Options : FRLSH type/LSZH type

VOLTAGE GRADE

U₀/U : 300/500V

Test Voltage :1.5-2.0 kV

OPERATING TEMP.

- 20°C to +70°C

Max Short Circuit 160°C

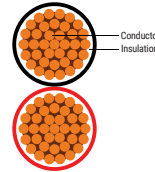
STANDARD

BDS 899
BS 6004

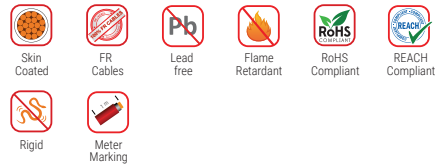
COLOR

Insulated core: ● Red
● Black

*REACH | RoHS | CE



CHARACTERISTICS



INSTALLATION CONDITION



CABLE DESIGN PARAMETER

PHYSICAL DATA					ELECTRICAL DATA			
Nominal cross sectional area of conductor	No. of strands & diameter of wire	Nominal thickness of insulation	Overall Diameter		Approx. weight of cable	Max. D.C resistance of conductor at 20 °C	Current rating at 35 °C	
			Lower limit	Upper limit			in conduit	in air
Core x mm ²	nos./mm	mm	mm	mm	kg/km	Ω/km	amps	amps
2 x 0.4 rm	14/0.193	0.6	2.0	2.4	16	49.25	2	3
2 x 0.5 rm	16/0.20	0.6	2.1	2.5	18	39.00	3	4
2 x 0.65 rm	23/0.193	0.6	2.2	2.6	22	30.31	5	6
2 x 0.75 rm	26/0.192	0.6	2.2	2.7	24	26.00	6	7
2 x 1.0 rm	32/0.20	0.6	2.4	2.8	30	19.50	9	10
2 x 1.2 rm	40/0.193	0.6	2.5	3.0	34	16.42	11	13
2 x 2.0 rm	70/0.193	0.7	3.2	3.7	56	9.85	16	18