

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

## APPLICATION

Indoors Dry areas Humid area Stream area Household appliances Vacuum cleaner  
Washing machine Sewing machine Refrigerator

## CONSTRUCTION

**Conductor:** Flexible, Plain annealed copper Class-5 to BDS IEC 60228, BDS 1322  
**Insulation:** PVC-FR (Skin coated), T12-(with FR Property) to BS 7655, BSEN 50363-3.1  
**Sheath:** PVC, TM2 to BS 7655, BSEN 50363-4.1 & BDS 1251  
**Options:** FR type/FRLSH type/LSZH type

## VOLTAGE GRADE

**U<sub>0</sub>/U:** 300/500V  
**Test Voltage:** 1.5-2.0 kV

## OPERATING TEMP.

- 20°C to +70°C  
Max Short Circuit 150°C

## MIN. BENDING RADIUS

Approx. 5x cable diameter

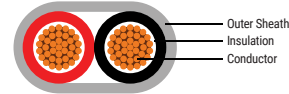
## STANDARD

BDS 899  
BSEN 50525.2-11  
BS 6500

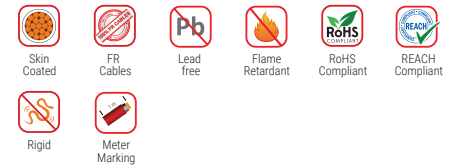
## COLOR

**Insulated core:** ● Black  
● Red  
**Sheath:** ● (Grey or Other Colors available on request)

\*REACH I RoHS I 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		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 <sup>2</sup>	nos./mm	mm	mm	mm	mm	kg/Km	Ω/km	amps	amps
2 x 0.4 rm	14/0.193	0.6	0.8	3.3x5.4	4.3x6.9	37	49.25	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	30.31	5	6
2 x 0.75 rm	26/0.192	0.6	0.8	3.7x6.0	4.5x7.2	48	26.00	6	7