



1. Stranded Copper Conductor
2. HFFR Insulation

Application

Used in dry places, switch gear rooms, distribution boards, industrial plants as lighting and building wire.

Basic Data

Applied Standards	: TS EN 50525-3-31
Voltage Rate	: 450/750V
Conductor Type	: Stranded Copper
Type of Insulation Material	: HFFR
Max. Continuous Conductor Temp.	: 70 °C
Max. Short Circuit Temp.	: 160 °C
Test Voltage (AC)	: 2,5 kV
Min. Laying Temperature	: -20 °C
Classification of CPR	: Cca-s2, d1, a1 (From 1.5 mm ² to 6 mm ²) B2ca-s1a, d1, a1 (From 10 mm ² to 240 mm ²)

Technical Features						
Rated Cross Section	Overall Diameter of Cable	Current Carrying Capacity		Conductor Resistance at (20 °C)	Net Weight	Delivery Length
mm ²	mm	Air (A)	Conduit (A)	ohm/km	kg/km	m
1x1,5 rm	3,00	24	15	12,1000	20	1.000
1x2,5 rm	3,60	32	20	7,4100	35	1.000
1x4 rm	4,00	42	26	4,6100	50	1.000
1x6 rm	4,80	54	34	3,0800	70	1.000
1x10 rm	5,90	73	46	1,8300	110	1.000
1x16 rm	6,80	98	61	1,1500	170	1.000
1x25 rm	8,40	129	80	0,7270	265	1.000
1x35 rm	9,40	158	99	0,5240	365	1.000
1x50 rm	11,00	198	119	0,3870	480	1.000
1x70 rm	12,80	245	151	0,2680	690	1.000
1x95 rm	14,80	292	182	0,1930	940	1.000
1x120 rm	16,30	344	210	0,1530	1.170	1.000
1x150 rm	18,00	391	240	0,1240	1.435	1.000
1x185 rm	20,30	448	273	0,0991	1.820	1.000
1x240 rm	23,10	528	321	0,0754	2.370	1.000

“Unless otherwise specified core colours will be as below.”

Number of Cores	1	2	3	4	5	>5
Core Colours						