

METAL CABLE CO.

DATA SHEET

No.: MC – 24523

Date : 95.10.19

Low voltage power cable

Acc. IEC 60502-1 (or ISIRI 3569-1) , (0.6/1)1.2 kv , frequency : 50Hz

Copper conductor/ XLPE insulated/ PVC bedding/ galvanized steel wire armour/ PVC outer sheath
CU/XLPE/BD/GSWA/PVC (N2XRY-J)

R	SPECIFICATION		
1	Cable size	5x4 mm ²	
2	Conductor	material	Plain annealed stranded copper
		Class	2 , round
		construction	7x0.85 mm
3	Insulation	material	XLPE
		operation temp.	90°C
		thickness	0.7 mm
		colour	Red , Yellow , Blue , Black , Yellow/Green
4	Bedding	material	PVC
		operation temp.	90°C
		thickness	1.0 mm
		colour	Black
5	Armour	Material	Galvanized steel
		type	wire armour (GSWA)
		diameter	1.2 mm
6	Outer jacket	material	PVC
		operation temp.	90°C
		thickness	1.8 mm
		colour	Black
9	Overall diameter approx.	19.2 mm	
10	Max. dc conductor resistance at 20°C	4.61 Ω/km acc. IEC 60228	
11	Max. ac conductor resistance at 20°C	5.90 Ω/km	
12	Min. Insulation resistance at 90 °C	0.698 MΩ . km	
13	Short circuit current	0.571 kA at 1 second	
14	High voltage test	3.5 kvac or 8.4 kvdc for 5 min	
15	Working temperature	-25 ___ +90 °c	
16	Min. bending radius	6 x D (Overall diameter)	
17	Flame retardant test	Acc. IEC 60332-1	
18	Max cable length (per drum)	2000 M	
19	Cable weight approx.	785 kg/km	

Marking : METAL CABLE CO. IEC 60502-1 N2XRY-J 5x4 SQMM 0.6/1 kv MADE IN IRAN 1395 length

Technical approval