

METAL CABLE CO.

DATA SHEET

No : MC – 20484

Date : 94.07.13

Low voltage power cable

Acc. IEC 60502-1 , (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-O)

R	SPECIFICATION		
1	Cable size	3x1.5 mm ²	
2	Conductor	material	Plain annealed copper
		Class	2 , round
		construction	7x0.53 mm
3	Insulation	material	XLPE
		operation temp.	90°C
		thickness	0.7 mm
		colour	Red , yellow , blue
4	Bedding	material	PVC
		operation temp.	90°C
		thickness	1.0 mm
		colour	Black
5	Armour	material	Galvanized steel
		type	Wire Armour (GSWA)
		diameter	0.9 mm
6	Outer jacket	material	PVC
		operation temp.	90°C
		thickness	1.8 mm
		colour	Black
7	Overall diameter approx.	13.9 mm	
8	Max. dc conductor resistance at 20°C	12.10 /km acc. IEC 60228	
9	Max. ac conductor resistance at 20°C	15.49 /km	
10	Min. Insulation resistance at 90 °C	1.010 M . km	
11	Short circuit current	0.214 kA at 1 second	
12	High voltage test	3.5 kvac or 8.4 kvdc for 5 min	
13	Working temperature	-25 ___ +90 °c	
14	Min. bending radius	6 x D (Overall diameter)	
15	Flame retardant test	Acc. IEC 60332-1	
16	Max cable length (per drum)	2000 M	
17	Cable weight approx.	390 kg/km	

Marking : METAL CABLE CO. IEC 60502-1 N2XRY-O 3x1.5 SQMM 0.6/1 kv MADE IN IRAN 1394

Technical approval