

METAL CABLE CO.

DATA SHEET

No : MC – 98320

Date : 98.03.25

Low voltage lead sheathed power cable Acc. IEC 60502-1 (or ISIRI 3569-1) , (0.6/1)1.2 kv , frequency : 50Hz

Copper conductor/ XLPE insulated/ PVC filler/ Lead sheathed/ PVC bedding/ galvanized steel wire armour/
PVC outer sheath
CU/XLPE/BD/LC/BD/GSWA/PVC (N2XKYRY-O)

R	SPECIFICATION		
1	Cable size	3x6 mm ²	
2	Conductor	material	Plain annealed stranded copper
		Class	2 , round
		construction	7x1.04 mm
3	Insulation	material	XLPE
		operation temp.	90°C
		thickness	0.7 mm
		colour	Red , Yellow , Blue
4	Filler - bedding	material	PVC
		operation temp.	90°C
		thickness	1.0 mm
		colour	Black
5	Lead sheath	material	Lead alloy
		thickness	1.2 mm
6	Bedding	material	PVC
		operation temp.	90°C
		thickness	1.2 mm
		colour	Black
7	Armour	material	Galvanized steel
		type	wire Armour (GSWA)
		diameter	1.6 mm
8	Outer jacket	material	PVC
		operation temp.	90°C
		thickness	1.8 mm
		colour	Black
9	Overall diameter approx.	23.8 mm	
10	Max. dc conductor resistance at 20°C	3.08 Ω/km acc. IEC 60228	
11	Max. ac conductor resistance at 90°C	3.94 Ω/km	
12	Min. Insulation resistance at 90 °C	0.590 MΩ . km	
13	Short circuit current	0.857 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	Cable length (per drum)	3x2000 M (T:6000 M)	
19	Cable weight approx.	1690 kg/km	

Marking : METAL CABLE CO. IEC 60502-1 NXXKYRY-O 3x6 SQMM 0.6/1 kv MADE IN IRAN 1398 length

Technical approval
METAL CABLE CO.
 Sales Engineering Dept

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