

METAL CABLE CO.
DATA SHEET

No.: MC – 13251

date: 98.04.12

Low voltage armoured cable Acc. IEC 60502-1 , (ISIRI 3569-1) , (0.6/1.0)1.2 kv , frequency : 50 Hz

Copper conductor/ XLPE insulated/ pvc bedding/ steel wire armour/ pvc outer sheath

Cable code : N2XRY

R	<i>SPECIFICATION</i>	
1	Cable size	6x2.5 mm ²
2	Conductor	material Plain annealed copper
		Class 2 , round
		construction 7x0.67 mm
3	Insulation	material XLPE
		operation temp. 90 °C
		thickness 0.7 mm
		colour Black with white numbered + yellow/green
4	Bedding	material PVC
		operation temp. 80 °C
		thickness 1.2 mm
		colour Black
5	Armour	material Steel
		type wire armour (SWA)
		diameter 1.2 mm
6	Outer jacket	material PVC
		operation temp. 80 °C
		thickness 1.8 mm
		colour Black
7	Overall diameter approx.	18.6 mm
8	Max. dc conductor resistance at 20°C	7.41 Ω/km acc. IEC 60228
9	Max. ac conductor resistance at 90°C	9.45 Ω/km
10	Min. Insulation resistance at 90 °C	0.841 MΩ . km
11	Short circuit current	0.357 kA at 1 second
12	High voltage test	3.5 kvac or 8.4 kvdc for 5 min
13	Min. Installation temp.	-30___ +90 °C
14	Min. bending radius	6 x D (Overall diameter)
15	Flame retardant test	Acc. IEC 60332-1
16	Cable length (per drum)	1x1870 M
17	Cable weight approx.	740 kg/km

Marking : METAL CABLE CO. ISIRI 3569-1 N2XRY 6x2.5 SQMM 0.6/1.0 KV MADE IN IRAN 1398

Technical approval