

METAL CABLE CO.
DATA SHEET

No.: MC – 996001

Date : 99.06.17

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/ galvanized steel wire armour/ PVC outer sheath
Cable code : CU/XLPE/PVC/GSWA/PVC (N2XRY)

R	<i>SPECIFICATION</i>		
1	Cable size		5x16 mm ²
2	Conductor	material	Plain annealed copper
		Class	2 , round
		construction	7x1.70 mm
3	Insulation	material	XLPE
		operation temp.	90°C
		thickness	0.7 mm
		colour	Black ,Red ,Yellow,Blue, yellow/green
4	Bedding	material	PVC
		operation temp.	80°C
		thickness	1.2 mm
		colour	Black
5	Armour	material	Galvanized Steel
		type	Wire armour (GSWA)
		diameter	1.6 mm
6	Outer jacket	material	PVC
		operation temp.	80°C
		thickness	1.8 mm
		colour	Black
7	Overall diameter approx.		27.0 mm
8	Max. dc conductor resistance at 20°C		1.15 Ω/km acc. IEC 60228
9	Max. ac conductor resistance at 90°C		1.47 Ω/km
10	Min. Insulation resistance at 90 °C		0.386 MΩ . km
11	Short circuit current		2.30 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		8 x D (Overall diameter)
15	Flame retardant test		Acc. IEC 60332-1
16	Cable length (per drum)		Per Request
17	Cable weight approx.		1860 kg/km

Marking : METAL CABLE CO. IEC 60502-1 N2XRY 5x16 SQMM 0.6/1.0 KV MADE IN IRAN 1399

Technical approval