

National Cable and Wire Manufacturing Company





Zarqa – Jordan

TECHNICAL DATA SHEET

	Cable Size: Cable Type:	2X4 CU/XLPE/PVC/PVC/SWA/PVC	Voltage Grage: Specification:	600/1000 V IEC 60502-1
	DESCRIPTIOPN	UNIT	PARTICU	JLARS
	Type of cable		CU/XLPE/PVC/PVC/SWA/PVC	
	No. of cores	No.	2	
1	Size of cable	SQMM	4	
	Voltage grade	V	600/1000 V	
	Specification		IEC 605	602-1
	Conductor			
2	Material		Plain annealed copper stranded	
	Shape		Round Stranded	
	Insulation			
	Material		XLP	
3	Nominal Thickness	mm	0.7	7
	Minimum Thickness	mm	0.53	
	Core identification		Red, B	lack
	Inner Sheath		Two La	
	Material		Extrude	
4	Minimum Thickness		1 st layer	2 nd layer
		mm	0.6mm	0.6mm
	(Layers colors)		Black	Grey
	Armouring			
5	Material		Round Ste	
	Diameter of steel wire	mm	1.25	
	Outer sheath			
	Material		Extruded PV	
	Color		Black	
6	Minimum Thickness	mm	1.8	
	Marking on outer sheath		Cableco Cabl	e Standard
	Approximate everall diameter of orbit			 ^
 	Approximate overall diameter of cable	mm 	16.0	
<u>8</u> 9	Approximate weight of cable Nominal delivery length, +/- 5%	Kg/Km		
<u>9</u> 10	Packing	M	500 On wooden Drums as per Cableco Practice	
10	racking		On wooden brums as	per Capieco Practice
11	Current Rating (air) at 30 Deg. C.			
<u></u> 12	Current Rating (ground) at 20 Deg. C.	amps	53	
13	Short circuit of conductor at 1 sec.	amps KA	63	
13 14	Conductor Maximum operating Temperature	*C	0.572	
<u>14</u> 15	Maximum conductor temperature at short cir		90 250	
16	Max. DC resistance of conductor at 20 Deg. C.	Ohm/Km	4.61	
17	Voltage drop	V/A/KM		
18		V/A/NIVI	11.80 Routine test as per IEC 60502-1	
TΩ	Testing		Koutine test as p	er 1EC 00502-1

Embossing shall contain the following information in English language only on one side of cable at max. spacing of 1 mt

ELECTRIC CABLE 600/1000 V Cableco CABLE JORDAN 2X4 SQMM CU/XLPE/PVC/SWA/PVC Month

YEAR OF MANUFACTURING IEC 60502

Length marking shall be provided at each meter

^{**} Installation Condition: Ambient Air Temp 30°C, Gnd Temp 20°C, Depth of laying 0.5m, Thermal Resistivity of Soil 1.2 K.m/w



National Cable and Wire Manufacturing Company

Tel. No. 00962 5 3651438 Fax No. 00962 5 3655602



Zarqa – Jordan

TECHNICAL DATA SHEET

Cable Size: Cable Type:	2X6 CU/XLPE/PVC/PVC/SWA/PVC	Voltage Grage: Specification:	600/1000 V IEC 60502-1
DESCRIPTIOPN	UNIT	PARTICU	JLARS
Type of cable	-	CU/XLPE/PVC/PVC/SWA/PVC	
No. of cores	No.	2	
Size of cable	SQMM	6	
Voltage grade	V	600/1000 V	
Specification		IEC 605	
Conductor			
Material		Plain annealed copper stranded	
Shape		Round Stranded	
Insulation			
Material			
Nominal Thickness	mm	0.7	7
Minimum Thickness	mm	0.53	
Core identification		Red, B	lack
Minimum Thickness			2 nd layer
	mm		0.6mm
(Layers colors)		Black	Grey
Diameter of steel wire	mm	1.25	
		Black	
	mm		
Marking on outer sneath		Cableco Cabi	e Standard
Approximate overall diameter of cable			 ∩
	IVI	On wooden Drums as per Cableco Practice	
ı ackılığ			per capieco ridelle
Current Rating (air) at 30 Deg. C	amns		
		0.858	
		3.08	
	V/7/ KIVI	7.50 Routine test as per IEC 60502-1	
	Type of cable No. of cores Size of cable Voltage grade Specification Conductor Material Shape Insulation Material Nominal Thickness Minimum Thickness Core identification Inner Sheath Material Minimum Thickness (Layers colors) Armouring Material Diameter of steel wire Outer sheath Material Color Minimum Thickness Marking on outer sheath Approximate overall diameter of cable Approximate weight of cable Nominal delivery length, +/- 5% Packing Current Rating (air) at 30 Deg. C. Current Rating (ground) at 20 Deg. C. Short circuit of conductor at 1 sec. Conductor Maximum operating Temperature	DESCRIPTIOPN No. of cable No. of cores No. of cores Size of cable SQMM Voltage grade V Specification Conductor Material Shape Insulation Material Mominal Thickness mm Minimum Thickness Innuer Sheath Material Material Minimum Thickness Innuer Sheath Material Mominal Thickness Innuer Sheath Material Material Outer sheath Material Color Minimum Thickness Innuer Sheath Material Color Minimum Thickness Innuer Sheath Material Color Color Minimum Thickness Marking on outer sheath Approximate overall diameter of cable Approximate overall	DESCRIPTIOPN

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ELECTRIC CABLE 600/1000 V Cableco CABLE JORDAN 2X6 SQMM CU/XLPE/PVC/SWA/PVC Month

YEAR OF MANUFACTURING IEC 60502

Length marking shall be provided at each meter

^{**} Installation Condition: Ambient Air Temp 30°C, Gnd Temp 20°C, Depth of laying 0.5m, Thermal Resistivity of Soil 1.2 K.m/w



National Cable and Wire Manufacturing Company

Tel. No. 00962 5 3651438 Fax No. 00962 5 3655602



Zarqa – Jordan

TECHNICAL DATA SHEET

Cable Size: Cable Type: CU/XLPE/I		2X10 E/PVC/PVC/SWA/PVC	Voltage Grage: Specification:	600/1000 V IEC 60502-1
	DESCRIPTIOPN	UNIT	PARTIC	ULARS
	Type of cable		CU/XLPE/PVC/PVC/SWA/PVC	
1	No. of cores	No.	2	
	Size of cable	SQMM	10	
	Voltage grade	V	600/1000 V	
	Specification		IEC 60502-1	
2	Conductor		Plain annealed copper stranded	
2	Material Shape		Round Stranded	
	Silape		Round Stranded	
	Insulation			
	Material		XLI	PE
3	Nominal Thickness	mm	0.7	
	Minimum Thickness	mm	0.53	
	Core identification		Red, E	Black
	Inner Sheath		Two Layers	
	Material		Extrude	
4	Minimum Thickness		1 st layer	2 nd layer
	(1	mm	0.6mm	0.6mm
	(Layers colors)		Black	Grey
5	Armouring			
	Material		Round Steel wires	
	Diameter of steel wire	mm	1.25	
	Outer sheath			
	Material		Extruded PV	′-:
	Color		Black	
6	Minimum Thickness	mm	1.8	
	Marking on outer sheath		Cableco Cable Standard	
 7	Approximate overall diameter of cable	 mm	19	 0
<u></u> 8	Approximate everall diameter of cable	 Kg/Km	882.0	
9	Nominal delivery length, +/- 5%	M	500	
10	Packing		On wooden Drums as per Cableco Practice	
11	Current Rating (air) at 30 Deg. C.	amps	91	
12	Current Rating (ground) at 20 Deg. C.	amps	105	
13	Short circuit of conductor at 1 sec.	KA	1.43	
14	Conductor Maximum operating Temperature	°C	90	
15	Maximum conductor temperature at short circuit	°C	250	
16	Max. DC resistance of conductor at 20 Deg. C.	Ohm/Km	1.83	
17	Voltage drop	V/A/KM	4.70	
18	Testing		Routine test as per IEC 60502-1	

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YEAR OF MANUFACTURING IEC 60502

Length marking shall be provided at each meter

^{**} Installation Condition: Ambient Air Temp 30°C, Gnd Temp 20°C, Depth of laying 0.5m, Thermal Resistivity of Soil 1.2 K.m/w