

الملحق رقم (1) للعقد المؤرخ 2024/12/4

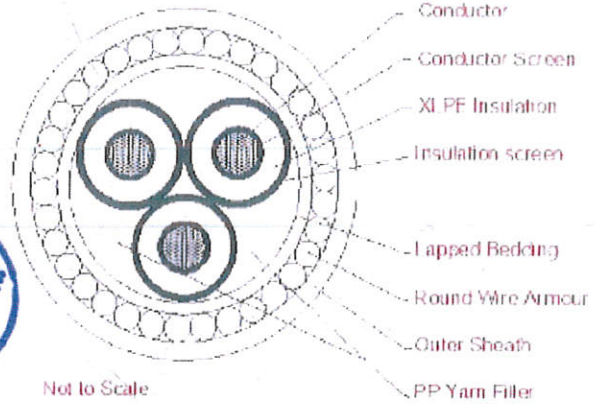
TECHNICAL DATA SHEET

Customer Name : LA'ALA AL-KUWAIT REAL ESTATE CO. KSC
Enquiry Ref. No. : SL-2022/01046-02
Cable Size : 3X300 SQ MM
Cable Type : CU/SC/XLPE/SC/SWA/PVC RED

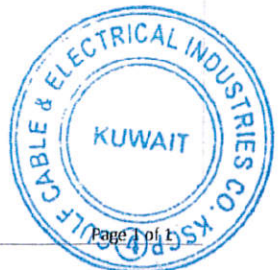
Product Code : 031-381-26-11
Cable Code : 09AC-1703-AA0A-AA03
Voltage Grade : 11 KV
Specification : IEC 60502-2

Description

3 Core 11 KV Cable, Plain Annealed Compacted Copper Conductor, Semi conducting conductor & insulation screen, XLPE Insulated, Lapped Bedding, Steel wire armoured, PVC outer sheathed



DESCRIPTION	UNIT	PARTICULARS
1: CONDUCTOR		
Material		Plain Annealed Copper (CU)
Shape		Class 2 Circular Compact
Approximate Conductor Diameter	mm	20.6
DC Resistance Of Conductor @ 20°C (Max)	ohm/km	0.0601
2: CONDUCTOR SCREENING		
Material		Semiconducting SC
3: INSULATION		
Material		XLPE
Nominal Thickness	mm	3.4
Core Identification		Number Printing 1,2,3
4: INSULATION SCREENING		
Material		Semiconducting SC
5: ARMORING		
Material		Galvanized Steel Wire
6: OUTER SHEATH		
Material		PVC Type-9 or PVC ST-2
Colour		Red
7: OVERALL CABLE PROPERTY		
Approximate Overall Cable Diameter	mm	79.5
Cable Weight (Approx.)	kg/km	14470
Standard Packing Length ±5%	m	500
8: MARKING ON CABLES		GULF CABLE KUWAIT ELECTRIC CABLE VOLTAGE GRADE, TYPE & SIZE
9: CURRENT RATING		
IN AIR @ 30 deg C	amps	647
IN GROUND @ 20 deg C, Depth of laying - 0.8 m, T.R. of soil - 1.2 K.m/W	amps	551
10: CONDUCTOR SHORT CIRCUIT		
Conductor Maximum Operating Temperature	° C	90
Conductor Maximum Short Circuit Temperature	° C	250
Short Circuit Rating of Conductor	kA	42.9



Signature

SL-2022/01046-02 (2/2 - TP(s))

تابع الملحق رقم (1) للعقد المؤرخ 2024/12/4



شركة الخليج للكابلات والصناعات الكهربائية ش.م.ك.ع.
Gulf Cable & Electrical Industries Co. K.S.C.P

TECHNICAL DATA SHEET

Customer Name : LA'ALA AL-KUWAIT REAL ESTATE CO. KSC
Enquiry Ref. No. : SL-2022/01046-02
Cable Size : 16 CORE PILOT CABLE
Cable Type : CU/PE/PE/SWA/PVC (PILOT CABLE) SOLID

Product Code : 151-/80-01-04
Cable Code : 13IA-7616-IATD-AA03
Voltage Grade :
Specification : MEW KUWAIT

Description

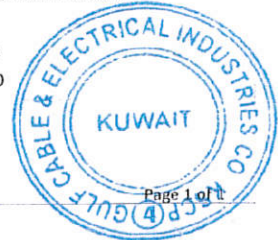
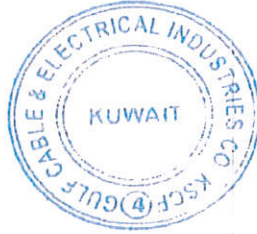
16 Core pilot cable with solid copper conductor (Divided into One pair solkar protection system, Two pairs for telephone system, Two pairs for intertripping & inter locking system, Three pairs for indication system), Insulated with PE, Cores are laid up with extruded PE inner sheath, Galvanized round steel wire armor & Extruded PVC outer sheath.

Copper Conductor
PE Insulation
Al Foil Screening
PE Inner Sheath
Steel Wire Armour
PVC outer sheath

One pair screened for Solkar protection system
Two pairs screened for telephone system
Two pairs unscreened for intertripping & inter locking
Three pairs unscreened for Indication system

Not to scale

DESCRIPTION	UNIT	PARTICULARS
1: CONDUCTOR (For Solkar, Intertripping, Interlocking system)		
Material		Plain Annealed Copper (CU)
Shape		Class 1 Circular Solid
Approximate Conductor Diameter	mm	1.78 for Size 2.5 Sq.mm
DC Resistance Of Conductor @ 20°C (Max)	ohm/km	7.41
2: CONDUCTOR (For Telephone & Indication system)		
Material		Plain Annealed Copper (CU)
Shape		Class 1 Circular Solid
Approximate Conductor Diameter	mm	0.90 for Size 0.635 Sq.mm
DC Resistance Of Conductor @ 20°C (Max)	ohm/km	28.48
3: INSULATION		
Material		LLDPE
Minimum Thickness	mm	0.5
Core / Pair Identification		As per MEW Kuwait
4: INNER SHEATH		
Material		Extruded PE
5: ARMORING		
Material		Galvanized Steel Wire
6: OUTER SHEATH		
Material		PVC Type-9 or PVC ST-2
Colour		Black
7: OVERALL CABLE PROPERTY		
Approximate Overall Cable Diameter	mm	23.4
Cable Weight (Approx.)	kg/km	875
Standard Packing Length ±5%	m	1000
8: MARKING ON CABLES		
		MONTH YEAR GULF CABLE KUWAIT
9: CONDUCTOR SHORT CIRCUIT		
Conductor Maximum Operating Temperature		70
Conductor Maximum Short Circuit Temperature		140



Signature

SL-2022/01046-02 (2/2 - TP(s))

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الطرف الثاني

محمد إسلام علي محمد علي محمد

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الطرف الأول

شركة لآلى الكويت العقارية

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