National Cable and Wire
Manufacturing Company

CABLECO

Special Cables

TÜV AUSTRIA HELLAS
EN ISO 9001:2008

علامة الجودة
Jordan Institution for Standards and Metrology
Quality Mark

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Introduction

تأسست الشركة الوطنية لصناعة الكوابل والأسلاك الكهربائية (كيبلكو)في الأردن عام ١٩٨٣ لإنتاج الأسلاك والكوابل الكهربائية وقد أقيم مصنع الشركة في مدينة الزرقاء،وهو مجهز بسلسلة من الخطوط الإنتاجية لتصنيع الأسلاك والكوابل (العادية و المسلحة) ذات الموصل النحاسي أو الألمنيوم المعزولة بمادة ال (PVC) العادية أو الخاصة والتي تصنع حسب الطلب أو (XLPE) أو (P.E) أو المطاط الصناعي (EPR) أو (XLLSHF,LSHF HALOGEN FREE) على حسب المواصفات الدولية أو البريطانية أو الألمانية (IEC,BS,VDE) للتوافق مع السوق الأردني والعالمي ، وقد زود المصنع بسلسلة من الأجهزة الخاصة للقياس والمعايرة حسب المتطلبات الدولية (International Traceability) ليتم مراقبة وضبط الجودة لمنتجاتنا بداية من المواد الأولية ومرورا بمراحل التصنيع المختلفة وحتى تسليم المنتج بالشكل النهائي للزبون.

وفي عام ٢٠١١ تم العمل على إنتاج كوابل ذات مواصفات خاصة عالمية مثل: (LAN Data Cables & Fire Resistant Cables) لتواكب التطور الحاصل على أنظمة التكنولوجيا الحديثة ومعايير السلامة العامة في المؤسسات والمباني الحكومية والخاصة.

وقد ارتأت الشركة إثباتا لقدرتها وتميزها بالجودة لزبائنها الكرام أن تستوفي متطلبات التأهيل حسب مواصفات الآيزو (ISO 9000) حيث قد تم الحصول على شهادة الأيزو ISO 9002/1994 في عام 1996 وكذلك شهادة الآيزو ISO 9001/2000 في عام 2003 .

وفي عام 2009 تم الحصول على شهادة الآيزو ISO 9001/2008 من الجهات المعتمدة في هذا المجال.

National Cable and Wire Manufacturing Company (CABLECO) was established in 1983 in Jordan, for production of electrical wires and cables (Armoured and Non Armoured).

The factory is located at Zarqa city, and equipped with series 0f production lines designed to produce wires and cables of copper or Aluminum conductors insulated /sheathed by (ordinary PVC or special types of PVC) or (XLPE) or (P.E) or (synthetic rubber EPR) or (XLLSHF, LSHF HALOGEN FREE) according to the International, British or German standards (IEC, BS, VDE) to comply with Jordanian and international markets.

The factory is also equipped with series of (Testing and Measuring) equipments calibrated according to international standards/Traceability to monitor and to control the quality of our production, starting from raw material, going through various productions /manufacturing stages and up to delivery stages/finished products.

In 2011, the company has produced cables with special international standards like (LAN Data cables & Fire Resistant Cables), to be compatible with modern technologies and international safety standards in public and private buildings.

Our objective is to produce high quality cables to satisfy the customer requirements therefore, we have achieved registration to ISO 9002/1994 in year 1996 and ISO 9001/2000 in year 2003,and in year 2009 we have achieved registration to ISO 9001/2008.

1- Coaxial Cables

Scope: This specification covered the coaxial cables type which generally used and manufactured

Inner Conductor: Solid or Flexible Annealed Tinned or Plain Copper or Copper Clad Steel

Insulation: Solid Natural P.E or Foam (Cellular) P.E

Screening: AL/PET Foil under Braiding if it's required

Braiding: Tinned or Plain Copper, AL, or AL Clad Copper Wires in single or double shield if required

Sheathing: PVC sheath, White or Black color.

Cable Code	Type	Impedance	Inner Conductor	Insulation Material	Insulation Thickness	AL/PET Foil	Outer Braiding	Sheath Thickness	Overall Diameter
		Ohm	No. x mm	-	mm	Yes/No	No. x No. x mm	mm	mm
05264BS5C-2VSDC	5C-2V	75	1 x 0.8	Solid P.E	2.05	No	CU 16 x 7 x 0.12	1.0	7.4
05264BS4C-2VSDC	4C-2V	75	1 x 0.7	Solid P.E	1.75	No	CU 16 x 6 x 0.12	0.8	6.3
05264BS3C-2VSDC	3C-2V	75	1 x 0.5	Solid P.E	1.32	No	CU 16 x 5 x 0.12	0.8	5.2
05316BS75SSDC	75S	75	1 x 0.6	Solid P.E	1.50	No	CU 2 (16x7/8x0.15)	0.7	6.5
05316BS75LSDC	75L	75	1 x 0.8	Solid P.E	2.10	No	CU 2 (16x8/9x0.15)	0.7	7.8
05264BSRG58/CUFXC	RG58 C/U	50	19 x 0.18	Solid P.E	1.10	No	CU 16 x 7 x 0.12	0.7	5.0
05264BSRG213USRC	RG213 U	50	7 x 0.75	Solid P.E	2.55	No	CU 24 x 8 x 0.18	1.2	10.1
05315BS5C-FBSDC	5C-FB	75	1 x 1.04	Foam P.E	1.95	Yes	CU 16 x 7 x 0.12	1.0	7.7
05264BSRG11A/USRC	RG 11 A/U	75	7 x 0.404	Solid P.E	3.00	No	CU 24 x 8 x 0.18	1.1	10.3
05315BSRG6SDC	RG6	75	1 x 1.02	Foam P.E	1.75	Yes	CU 16 x 4 x 0.16	0.7	6.7
05453BSRG6SDST	RG6	75	1 x 1.02	Foam P.E	1.75	Yes	CCAL 16 x 3 x 0.16	0.7	6.7
05453BSRG59/USDC	RG59/U	75	1 x 0.81	Foam P.E	1.45	Yes	CCAL 16 x 2 x 0.16	0.95	6.2

2- Computer Cables

Scope: Computer Cable can be by Multicores assembly or by Multipair cable assembly, depend on applications.

Conductor: Solid or Flexible Tinned Copper

Insulation: P.E or PVC Compound

Colours: Rd,Yl,Gn,Bl,Wt,Bk,Bn,Vt,Og,Pk,Tq,Gy,.....etc

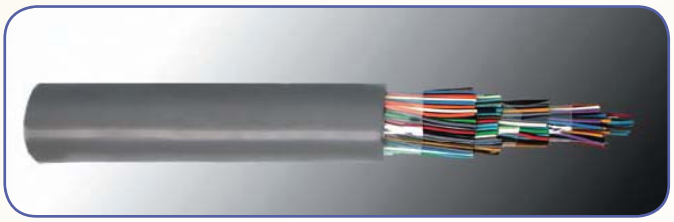
Screening: AL/PET Foil+ Drain Wire under Tinned Copper Braiding if it's required

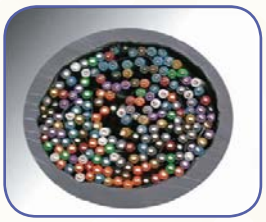
Braiding: Tinned Copper Wires

Sheathing: PVC sheath, Black or Grey color.

Cable Code	Cable Size	Conductor Construction	Insulation Thickness	Braiding Construction	Approximate Overall Diameter
	No. x mm^2	No. x mm	mm	No. x No. x mm	mm
09317IE2X0.22FXC	2 x 0.22	7 x 0.2	0.3	16 x 5 x 0.12	4.25
09317IE4X0.22FXC	4 x 0.22	7 x 0.2	0.3	16 x 7 x 0.12	4.7
09317IE6X0.22FXC	6 x 0.22	7 x 0.2	0.3	16 x 6 x 0.15	5.8
09317IE8X0.22FXC	8 x 0.22	7 x 0.2	0.3	16 x 7x 0.15	6.5
09317IE12X0.22FXC	12 x 0.22	7 x 0.2	0.3	16 x 8 x 0.15	7.5
09317IE16X0.22FXC	16 x 0.22	7 x 0.2	0.3	16 x 8 x 0.15	8.3
09317IE2X0.5FXC	2 x 0.5	16 x 0.2	0.45	16 x 5 x 0.20	6.15
09317IE4X0.5FXC	4 x 0.5	16 x 0.2	0.45	16 x 6 x 0.20	7.0
09317IE6X0.5FXC	6 x 0.5	16 x 0.2	0.45	16 x 7 x 0.20	8.2
09317IE8X0.5FXC	8 x 0.5	16 x 0.2	0.45	16 x 8 x 0.20	8.95
09317IE12X0.5FXC	12 x 0.5	16 x 0.2	0.45	24 x 6 x 0.20	10.7

3- Telephone Cables





Scope: Private telephone cables (under ground and self support cable).

Conductor: Bare Solid Copper

Insulation: P.E or PVC Compound

Assembly: Pair twisted and binded with polyester tape

Screening: AL/PET Foil+ Drain Wire

Armouring: Mild Galvanized Steel Wires

Sheathing: PVC or P.E sheath Grey color.

General conductor insulation thicknesses for common telephone cables for various conductor sizes

Copper Conductor	Insulation Thickness
mm	mm
0.5	0.25
0.6	0.25-0.3
0.8	0.3
0.9	0.35

General Sheath thicknesses for common unarmoured telephone cables up to 5 pairs.

Cable Code	No. of Pairs x Size	Sheath Thickness
	No. x mm	mm
06252BS1PX0.6SDC	1P x 0.6	0.6
06252BS2PX0.6SDC	2P x 0.6	0.6
06252BS3PX0.6SDC	3P x 0.6	0.8
06252BS4PX0.6SDC	4P x 0.6	0.9
06252BS5PX0.6SDC	5P x 0.6	1.0

3- Telephone Cables

Construction details for common telephone cables-normally manufactured by CABLECO

Diameter over assembled pairs	Unarmoured Cables	Armoured cables			Self Supported Cables	
	Sheath Thickness	Bedding Thickness	Steel Wires Diameter	Sheath Thickness	Self Support Steel Wires	Sheath Thickness
mm	mm	mm	mm	mm	No.x mm	mm
Up to 10	1.2	1.0	0.9	1.2	7x0.9	1.2
Up to 15	1.6	1.2	1.25	1.6	7x1.25	1.6
Above 15	1.8	1.8	1.6	1.8	7x1.6	1.8

Pairs Colours for grouping assembly up to 10 pairs.

No. of Pairs	Pair Colors
1	Wt-Bl
2	Wt-Og
3	Wt-Gn
4	Wt-Bn
5	Wt-Gy
6	Rd-Bl
7	Rd-Og
8	Rd-Gn
9	Rd-Bn
10	Rd-Gy

4- Drop Wire for Telephone

Scope: There are certain numbers of drop wire types / configurations are used, the traditional type one is given below and other drop wire types/configurations specially designed for the new data transmission system can be considered upon request.

Application: Used for connection between outside plant /pole and customer location

Conductor: Solid Copper Clad Steel wire 30% conductivity diameter 1.02

Conductor Resistance: 80.4 Ω/Km @ 20 ^{2}C

Conductor Breaking Load: 77.5 Kg

Insulation: Black P.E or PVC Compound with good weathering characteristics

Packing: In Coils

Overall Dimension:

	Minimum (mm)	Maximum (mm)
Major Diameter	5.5	8.0
Minor Diameter	3.0	5.0

5- Jumper Wire for Telephone

Application: Used for main distribution frame and cabinet jumper wire.

Conductor: Solid Tinned Copper wire diameter 0.5 mm, 0.6 mm or 0.7 mm

Conductor Resistance: 100 Ω/Km, 68 Ω/Km and 50 Ω/Km @ 20 ^{2}C

Insulation: PVC Compound (Rd-Wt) color Thickness of Insulation 0.3 mm

Twinning: Tow insulated wires are twisted together

6- Field Wire for Telephone

Application: Used for Telephone in field zones at various temperature range (-40 ^{o}C to +70 ^{o}C).

Conductor: 4 Solid Tinned Copper wires and 3 Solid Galvanized Steel wires diameter stranded together

Conductor Resistance: 120 Ω/Km @ 20 ^{2}C

Insulation: Black polyethylene Protected with Nylon Jacket for twisted cores type only

Assembly: Tow insulated conductors are twisted together to form a pair or two conductors are laid parallel side by side and black polyethylene is extruded with grove between the conductors.

Shape: Pair twists or insulated two parallel conductors figure 8

Construction details for parallel type conductors figure 8 field wire 2 x 0.5 mm^{2}

Cable Code	Conductor Size	Insulation Thickness	Overall Diameter
	No. x mm	mm	mm x mm
46265IE2X0.5SRC	7 x 0.3	0.43	1.8X3.6

7- Quad Spiral Cable

Application: Used for signal transmission and suitable for several installation conditions such as at military operation and mine areas.

Conductor: Stranded Annealed Copper Wires 7x0.35 mm

Conductor Resistance: 54.2 Ω/Km @ 20 ^{2}C

Insulation: Polyethylene, Cores colors are (Rd, Yl, Bl, Bk) or (Nt, Bk, Nt, Bk)

Quadding: Four insulated conductors are twisted together into a star quad.

Inner Jacket: Polyethylene extrusion filling.

Tapping: Semi Conductive Carbon Stabilizing Tape helically or longitudinally applied with thickness 0.14 mm

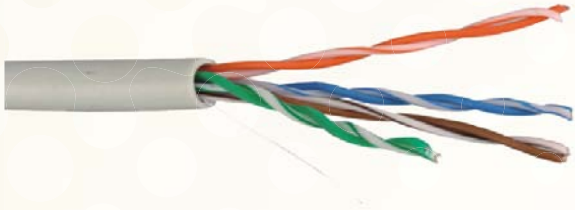
Braiding: Galvanized Steel Wires

Sheathing: PVC sheath, Black color.

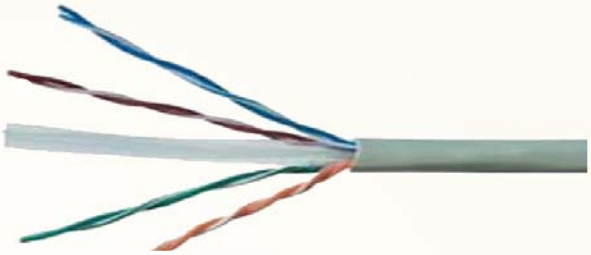
Construction details for quad spiral cable for common application 4 x 0.65mm^2

Cable Code	Conductor Size	Insulation Thickness	Galvanized Steel Braiding	Sheath Thickness	Overall Diameter
	No. x mm	mm	No. x mm	mm	mm
11271IE4X0.65SRC	7 x 0.35	0.45/0.7	24 x 0.30	0.9/1.2	9.3/10.5

8- LAN Data Cable (New Product)



CAT5e UTP



CAT6 UTP

Application: LANs are capable of transmitting data at very fast rates, much faster than data can be transmitted over a telephone line.

Conductor: Bare Solid Copper Wires in AWG system

Insulation: Cellular or Solid P.E

Dummy: Cross Web Dummy for CAT6

Twisting: Tow insulated wires are twisted together to form one pair with different lay length and all pairs are laid up to form assembly.

Screening: AL Foil + T.CU Drain Wire

Sheathing: Extruded PVC, Flame Retardant PVC or LSHF

-CAT5, CAT6 AND CAT 7 and their types:

U-UTP OR (UTP): Unshielded twisted pairs

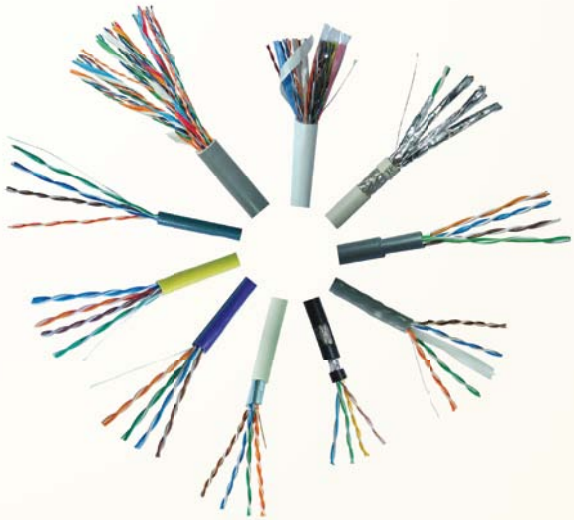
F-UTP OR (FTP): Foiled twisted pairs

SF-UTP OR (SFTP): Shielded and Foiled twisted pairs

U-FTP OR (STP): Unshielded and Individually Foiled twisted pairs

F-FTP OR (FSTP): Foiled and Individually Foiled twisted pairs

S-FTP OR (SSTP): Shielded and Individually Foiled twisted pairs



8- LAN Data Cable (New Product)

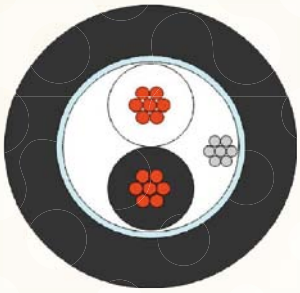
Types of LAN Data Cable CU/Solid or Cellular P.E/PVC UTP

Cable Code	Type	No. of Pairs x Size	Insulation Thickness mm	Cross Dummy	Sheathing Thickness mm	Over All Dimension mm
28326IE4PX0.51CAT5SDC	CAT 5	4P x 24AWG	0.205	NO	0.6	5.3
28326IE4PX0.51CAT5eSDC	CAT 5e	4P x 24AWG	0.205	NO	0.6	5.3
28508IE4PX0.57CAT6SDT	CAT 6	4P x 23AWG	0.22	YES	0.6	6.0

Types of LAN Data Cable CU/Solid or Cellular P.E/ I.S+O.S /PVC F-FTP

Cable Code	Type	No. of Pairs x Size	Insulation Thickness mm	Cross Dummy	Sheathing Thickness mm	Approx. Over All Dimension mm
28508IE4PX0.57CAT7SDT	CAT 7	4P x 23AWG	0.42	NO	0.6	7.6

9- Instrumentation Cable



Application: Used in industrial signaling and process control circuit in dry or wet locations, and the cables can be used in cables trays conduit or direct burial applications.

Conductor: Plain or Tin-Copper Wires

Insulation: PVC, P.E OR XLPE material

Twisting: Multi Pairs, Multi Triple or Multi Cores

Screening: Polyester Tape + T.CU Drain Wire + AL/PET Foil

Bedding: Extruded PVC (if armoured cables Type 2)

Armouring: Mild Galvanized Steel Wires

Sheathing: Extruded PVC

CU/PVC/Collective Screen/PVC Type 1 according to BS 5308

0.5 mm² Construction (7X0.3 mm or 16X0.2 mm)				
Cable Code	No. of Pairs	Insulation Thickness mm	Sheathing Thickness mm	Approximate Over All Dimension mm
07470BS1PX0.5FXC	1 Pair	0.6	0.8	6.2
07470BS2PX0.5FXC	2 Pairs	0.6	0.8	9.1
07470BS5PX0.5FXC	5 Pairs	0.6	1.1	12.4
07470BS10PX0.5FXC	10 Pairs	0.6	1.2	16.5
07470BS15PX0.5FXC	15 Pairs	0.6	1.3	19.2
07470BS20PX0.5FXC	20 Pairs	0.6	1.3	21.7
07470BS30PX0.5FXC	30 Pairs	0.6	1.5	26.4

9- Instrumentation Cable

0.75 mm² Construction (7 x 0.37 mm or 24 x 0.2 mm)				
Cable Code	No. of Pairs	Insulation Thickness mm	Sheathing Thickness mm	Approximate Over All Dimension mm
07470BS1PX0.75FXC	1 Pair	0.6	0.8	6.5
07470BS2PX0.75FXC	2 Pairs	0.6	0.8	9.8
07470BS5PX0.75FXC	5 Pairs	0.6	1.2	13.4
07470BS10PX0.75FXC	10 Pairs	0.6	1.3	17.9
07470BS15PX0.75FXC	15 Pairs	0.6	1.3	20.6
07470BS20PX0.75FXC	20 Pairs	0.6	1.5	23.7
07470BS30PX0.75FXC	30 Pairs	0.6	1.7	28.7

CU/PVC/Collective Screen/PVC Type 1 according to BS 5308

1.5 mm² Construction (7 x 0.53 mm)				
Cable Code	No. of Pairs	Insulation Thickness mm	Sheathing Thickness mm	Approximate Over All Dimension mm
07470BS1PX1.5SRC	1 Pair	0.6	0.8	7.5
07470BS2PX1.5SRC	2 Pairs	0.6	0.9	11.6
07470BS5PX1.5SRC	5 Pairs	0.6	1.2	15.6
07470BS10PX1.5SRC	10 Pairs	0.6	1.3	20.9
07470BS15PX1.5SRC	15 Pairs	0.6	1.5	24.6
07470BS20PX1.5SRC	20 Pairs	0.6	1.5	27.8
07470BS30PX1.5SRC	30 Pairs	0.6	1.7	33.8

9- Instrumentation Cable

CU/PVC/Individual +Collective Screen/PVC Type 1 according to BS 5308

0.5 mm² Construction (7 x 0.3 mm or 16 x 0.2 mm)				
Cable Code	No. of Pairs	Insulation Thickness mm	Sheathing Thickness mm	Approximate Over All Dimension mm
07461BS2PX0.5FXC	2 Pairs	0.6	1.1	10.9
07461BS5PX0.5FXC	5 Pairs	0.6	1.2	14.2
07461BS10PX0.5FXC	10 Pairs	0.6	1.3	19.9
07461BS15PX0.5FXC	15 Pairs	0.6	1.5	23.4
07461BS20PX0.5FXC	20 Pairs	0.6	1.5	26.1
07461BS30PX0.5FXC	30 Pairs	0.6	1.7	31.1
0.75 mm² Construction (7 x 0.37 mm or 24 x 0.2 mm)				
Cable Code	No. of Pairs	Insulation Thickness mm	Sheathing Thickness mm	Approximate Over All Dimension mm
07461BS2PX0.75FXC	2 Pairs	0.6	1.1	11.8
07461BS5PX0.75FXC	5 Pairs	0.6	1.2	15.3
07461BS10PX0.75FXC	10 Pairs	0.6	1.3	21.6
07461BS15PX0.75FXC	15 Pairs	0.6	1.5	25.4
07461BS20PX0.75FXC	20 Pairs	0.6	1.7	28.8
07461BS30PX0.75FXC	30 Pairs	0.6	2.0	34.4

CU/PVC/Individual +Collective Screen/PVC Type 1 according to BS 5308

1.5 mm² Construction (7 x 0.53 mm)				
Cable Code	No. of Pairs	Insulation Thickness mm	Sheathing Thickness mm	Approximate Over All Dimension mm
07461BS2PX1.5SRC	2 Pairs	0.6	1.2	13.9
07461BS5PX1.5SRC	5 Pairs	0.6	1.3	18.1
07461BS10PX1.5SRC	10 Pairs	0.6	1.5	25.8
07461BS15PX1.5SRC	15 Pairs	0.6	1.7	30.3
07461BS20PX1.5SRC	20 Pairs	0.6	1.7	33.9
07461BS30PX1.5SRC	30 Pairs	0.6	2.0	40.5

9- Instrumentation Cable

CU/PVC/Collective Screen/PVC/SWA/PVC Type 2 according to BS 5308

1.5 mm² Construction (7 x 0.53 mm)						
Cable Code	No. of Pairs	Insulation Thickness mm	Bedding Thickness mm	Armouring Wire Diameter mm	Sheathing Thickness mm	Approximate Over All Dimension mm
07497BS1PX1.5SRC	1 Pair	0.6	0.8	0.9	1.4	12.3
07497BS2PX1.5SRC	2 Pairs	0.6	0.9	0.9	1.4	16.4
07497BS5PX1.5SRC	5 Pairs	0.6	1.2	1.25	1.6	21.5
07497BS10PX1.5SRC	10 Pairs	0.6	1.3	1.6	1.8	28.0
07497BS15PX1.5SRC	15 Pairs	0.6	1.5	1.6	1.9	31.8
07497BS20PX1.5SRC	20 Pairs	0.6	1.5	1.6	2.0	35.3
07497BS30PX1.5SRC	30 Pairs	0.6	1.7	2.0	2.1	42.3

CU/PVC/Individual +Collective Screen/PVC/SWA/PVC Type 2 according to BS 5308

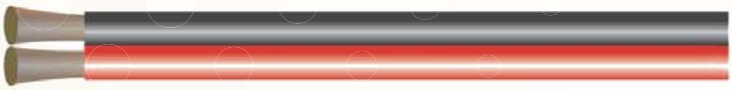
1.5 mm² Construction (7 x 0.53 mm)						
Cable Code	No. of Pairs	Insulation Thickness mm	Bedding Thickness mm	Armouring Wire Diameter mm	Sheathing Thickness mm	Approximate Over All Dimension mm
07496BS2PX1.5SRC	2 Pairs	0.6	0.9	0.9	1.4	18.1
07496BS5PX1.5SRC	5 Pairs	0.6	1.2	1.25	1.6	23.8
07496BS10PX1.5SRC	10 Pairs	0.6	1.3	1.6	1.8	32.5
07496BS15PX1.5SRC	15 Pairs	0.6	1.5	1.6	1.9	37.1
07496BS20PX1.5SRC	20 Pairs	0.6	1.5	1.6	2.0	40.9
07496BS30PX1.5SRC	30 Pairs	0.6	1.7	2.0	2.1	48.4

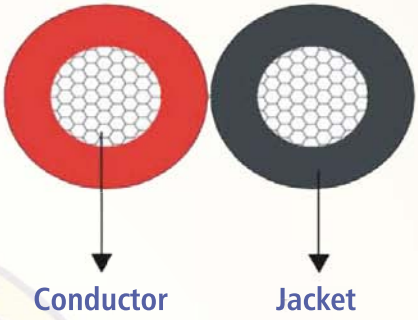
10-Audio Speaker and Microphone Cable (New Product)

10.1 Loud Speaker Cable

Conductor: Flexible Plain or Tin- Copper Wires

Insulation: two Cores Extruded PVC materials (RD and BK Colors)





Cable Code	Size No. x mm²	Conductor Construction No. x mm	Insulation Thickness mm	Core Diameter mm	Over All Dimension mm
45251BS2X1.5FXC	2 x 1.5	48 x 0.2	0.9	3.45	3.45 x 6.9
45251BS2X2.5FXC	2 x 2.5	80 x 0.2	1.0	4.10	4.1 x 8.2

10.2 Microphone Cable

Conductor: Flexible Plain or Tin- Copper Wires

Insulation: PVC OR P.E Material

Screening: AL Foil, Polyester Tape and Tin- Copper Drain Wire

Sheathing: Extruded PVC

11-Photovoltaic or Solar Cable PV1-F

Application: Photovoltaic wire is used to connect photovoltaic panels to each other and to the energy-collection and conversion equipment.

Photovoltaic cable is a single conductor insulated and jacketed, sunlight resistant rated for 120 °C wet or dry applications according to TÜV 2 Pfg 1169.

Conductor: Flexible Tinned Copper Wires Class-5 according to IEC 60228

Insulation: XL LS0H (Cross Link Low Smoke Zero Halogen)

Jacket (Sheathing): XL LS0H (Cross Link Low Smoke Zero Halogen)

Construction Details Photovoltaic Cable T.CU/XL LS0H/XL LS0H according to TÜV 2 Pfg 1169

Cable Code	Conductor Size	Conductor Construction	Insulation Thickness	Sheathing Thickness	Overall Diameter	Approximate Weight
	mm²	No.x mm	mm	mm	mm	Kg/Km
31588TV1X4FXC	4.0	56 x 0.3	0.7	0.8	5.7	65
31588TV1X4FXC	6.0	84 x 0.3	0.7	0.8	6.3	87
31588TV1X10FXC	10	80 x 0.4	0.7	0.8	7.3	131

Note: other sizes are available according to customer requirement.

Technical Characteristics

Rated Voltage: AC - 600 / 1000 V and DC - 1800 V

Maximum Working Temperature: 120 °C

Minimum Working Temperature: - 40 °C

Minimum Bending Radius: 4 x D

Current Carrying Capacity at ambient Temperature: 60 °C

Size mm²	Single cable free in air	Single cable on surface
4.0	55	52
6.0	70	67
10	98	93

Product Features

- Halogen Free
- Flame Retardant
- Low Toxicity
- Weathering, Abrasion and UV Resistant
- Good Heat Pressure Resistance
- Resistant against Acids , Oil , and Alkaline

Due to the wide range of cables in the catalogue, it is advisable, when ordering, to provide as much information as possible, please use the following information as a guide.

Ordering Guide

The following details will ensure that your enquiries and orders will be achieved quickly and efficiently:

1- Length of cables and individual drum lengths.

2- Voltage designation.

3- Relevant British or International Standard.

4- Number of Cores.

5- Conductor Size.

6- Type of Insulation.

7- Type of Bedding.

8- Type of Armouring.

9- Type of Outer Sheathing.

10- Any Other Special Requirements, e.g. Special Insulation or Sheath Material, etc.

Technical Service

Specialist advice and assistance on all matters, you can contact us on:

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