National Cable and Wire
Manufacturing Company

CABLECO

Insulated Wires
&
Flexible Cables

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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- Insulated Single Wires

Application: Equipment wiring, lighting fittings or distribution in conduits

Standards: VDE 0250, VDE 0281, BS 6004 and IEC 60227

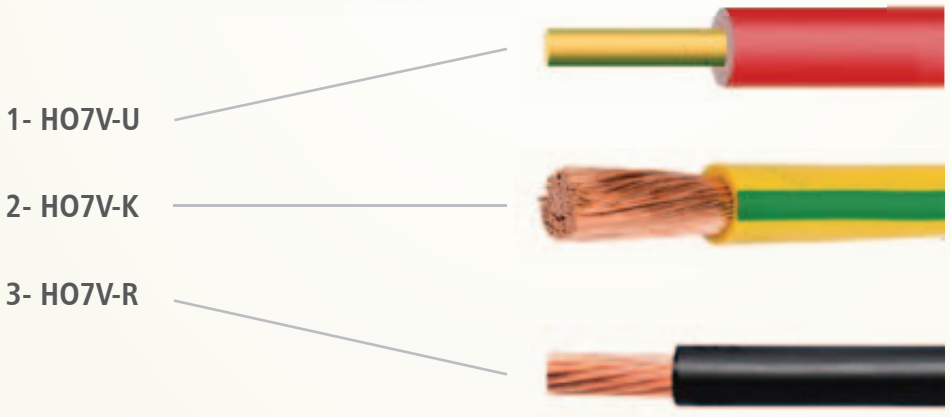
Conductor: Solid, Stranded or Flexible Annealed Plain Copper

Insulation: PVC Rated 70 °C Type TI1 according to BS 6004 or PVC/C according to IEC60227

Rated Voltage: 450/750 V

Packing: 100 Yards, 100 Meters Coils in Cartoons or spools

Note: Conductors can be insulated by Heat Resistant PVC Rated 90 °C or 105 °C according to Customer Requirements



Construction Details for NYAm or HO7V-R PVC Insulated Wire

Cable Code	Size	Conductor Construction	Insulation Thickness	Nominal Overall Diameter	Minimum Insulation Resistance @ 70 °C
	mm²	NO. x mm	mm	mm	MΩ . Km
40251BS1.5SRC	1.5	7 x 0.53	0.7	3.05	0.0100
40251BS2.5SRC	2.5	7 x 0.67	0.8	3.65	0.0090
40251BS4SRC	4.0	7 x 0.85	0.8	4.20	0.0077
40251BS6SRC	6.0	7 x 1.04	0.8	4.80	0.0065
40251BS10SRC	10	7 x 1.35	1.0	6.10	0.0065
40251BS16SRC	16	7 x 1.7	1.0	7.15	0.0050
40251BS25SRC	25	7 x 2.14	1.2	8.85	0.0050
40251BS35SRC	35	7 x 2.51	1.2	10.0	0.0045
40251BS50SRC	50	19 x 1.78	1.4	11.80	0.0040
40251BS70SRC	70	19 x 2.14	1.4	13.60	0.0035
40251BS95SRC	95	19 x 2.52	1.6	15.90	0.0035
40251BS120SRC	120	37 x 2.03	1.6	17.50	0.0032
40251BS150SRC	150	37 x 2.25	1.8	19.45	0.0032
40251BS185SRC	185	37 x 2.52	2.0	21.75	0.0032
40251BS240SRC	240	61 x 2.25	2.2	24.75	0.0032
40251BS300SRC	300	61 x 2.52	2.4	27.60	0.0030
40251BS400SRC	400	61 x 2.85	2.6	30.95	0.0028
40251BS500SRC	500	61 x 3.2	2.8	34.50	0.0028
40251BS630SRC	630	91 x 2.98	2.8	38.50	0.0028
40251BS800SRC	800	91 x 3.37	2.8	42.80	0.0028

Construction Details for NYAf or HO7V-K PVC Insulated Wire

Cable Code	Size	Conductor Construction	Insulation Thickness	Nominal Overall Diameter	Minimum Insulation Resistance @ 70 °C
	mm²	NO. x mm	mm	mm	MΩ . Km
41251VD0.5FXC	0.5	16 x 0.20	0.6	2.15	0.0130
41251VD0.75FXC	0.75	24 x 0.20	0.6	2.40	0.0110
41251VD1.0FXC	1.0	32 x 0.20	0.6	2.55	0.0110
41251VD1.5FXC	1.5	30 x 0.25	0.7	3.05	0.0100
41251VD2.5FXC	2.5	50 x 0.25	0.8	3.70	0.0090
41251VD4FXC	4.0	56 x 0.30	0.8	4.25	0.0070
41251VD6FXC	6.0	84 x 0.30	0.8	4.85	0.0060
41251VD10FXC	10	80 x 0.40	1.0	6.20	0.0056
41251VD16FXC	16	126 x 0.40	1.0	8.00	0.0046
41251VD25FXC	25	196 x 0.40	1.2	9.80	0.0044
41251VD35FXC	35	273 x 0.40	1.2	11.25	0.0038
41251VD50FXC	50	399 x 0.40	1.4	13.50	0.0037
41251VD70FXC	70	361 x 0.50	1.4	15.50	0.0032
41251VD95FXC	95	475 x 0.50	1.6	17.75	0.0032
41251VD120FXC	120	592 x 0.50	1.6	19.50	0.0029
41251VD150FXC	150	740 x 0.50	1.8	21.80	0.0029
41251VD185FXC	185	925 x 0.50	2.0	24.30	0.0029
41251VD240FXC	240	1220 x 0.50	2.2	27.75	0.0028
41251VD300FXC	300	1525 x 0.50	2.4	30.90	0.0028
41251VD400FXC	400	2002 x 0.50	2.6	35.10	0.0028
41251VD500FXC	500	1769 x 0.60	2.8	39.30	0.0028
41251VD630FXC	630	2257 x 0.60	2.8	43.80	0.0028

Construction Details for NYAe or HO7V-U PVC Insulated Wire

Cable Code	Size	Conductor Construction	Insulation Thickness	Nominal Overall Diameter	Minimum Insulation Resistance @ 70 °C
	mm²	NO. x mm	mm	mm	MΩ . Km
42251BS0.5SDC	0.50	1 x 0.80	0.6	2.05	0.0140
42251BS0.75SDC	0.75	1 x 0.98	0.6	2.20	0.0130
42251BS1SDC	1.0	1 x 1.13	0.6	2.40	0.0110
42251BS1.5SDC	1.5	1 x 1.38	0.7	2.85	0.0110
42251BS2.5SDC	2.5	1 x 1.76	0.8	3.45	0.0100
42251BS4SDC	4.0	1 x 2.26	0.8	3.90	0.0087
42251BS6SDC	6.0	1 x 2.76	0.8	4.40	0.0074

2- NYZ or PVC Insulated Flexible Cord

Application: For Connecting light portable appliances with very special consideration

Standards: VDE 0250, VDE0281 and IEC 60227

Conductor: Flexible Annealed Plain Copper

Insulation: PVC Rated 70 °C Type TI2 or Type PVC/D according to IEC60227

Rated Voltage: 300/300 V

Packing: 100 Yards, 100 Meters Coils in Cartoons or spools

Construction Details for NYZ PVC Insulated Flexible Cord

Cable Code	Size	Conductor Construction	Insulation Thickness	Nominal Overall Diameter
	mm²	NO. x mm	mm	mm x mm
44251VD2X0.25FXC	2 x 0.25	14 x 0.15	0.8	2.3 x 4.2
44251VD2X0.35FXC	2 x 0.35	21 x 0.15	0.8	2.45 x 5.0
44251VD2X0.4FXC	2 x 0.40	23 x 0.15	0.8	2.5 x 5.1
44251VD2X0.5FXC	2 x 0.50	28 x 0.15	0.8	2.6 x 5.2
44251VD2X0.75FXC	2 x 0.75	43 x 0.15	0.8	2.8 x 5.6
44251VD2X1FXC	2 x 1.0	56 x 0.15	0.8	2.95 x 5.9
44251VD2X1.5FXC	2 x 1.5	30 x 0.25	0.8	3.25 x 6.5
44251VD2X2.5FXC	2 x 2.5	50 x 0.25	0.8	3.7 x 7.4

3- NYM, PVC Insulated Circular Cable

Application: In dry and damp premises-fixed installations, unsuitable for outdoor use or embedding in concrete

Standards: VDE 0250 and IEC 60227

Conductor: Solid and Stranded Annealed Plain Copper

Insulation: Colored PVC Rated 70 °C Type PVC/C according to IEC60227

Sheathing: Black, White or Gray Color PVC Type ST4 according to IEC60227

Rated Voltage: 300/500 V

Packing: 100 Yards, 100 Meters Coils or on Wooden Drums

Construction Details for (NYM according to VDE) and (according to IEC and BS)

Cable Code	Size	Conductor Construction	Insulation Thickness	Bedding Thickness	Sheathing Thickness		Nominal Overall Diameter	
	mm²	NO. x mm	mm	mm	BS, IEC	VDE	BS, IEC	VDE
					mm	mm	mm	mm
25253BI2X1.5SDC	2 x 1.5	1 x 1.38	0.7	0.4	1.2	1.4	9.1	9.5
25253BI2X2.5SDC	2 x 2.5	1 x 1.78	0.8	0.4	1.2	1.4	10.3	10.7
25253BI2X4SDC	2 x 4.0	1 x 2.26	0.8	0.4	1.2	1.4	11.2	11.6
25253BI2X6SDC	2 x 6.0	1 x 2.76	0.8	0.4	1.2	1.4	12.2	12.6
25253BI2X10SDC	2 x 10	1 x 3.57	1.0	0.6	1.4	1.6	15.0	15.4
25253BI2X16SRC	2 x 16	7 x 1.70	1.0	0.6	1.4	1.6	18.5	18.9
25253BI2X25SRC	2 x 25	7 x 2.14	1.2	0.8	1.4	1.6	22.4	22.8
25253BI2X35SRC	2 x 35	7 x 2.51	1.2	1.0	1.6	1.8	25.4	25.8
25253BI3X1.5SDC	3 x 1.5	1 x 1.38	0.7	0.4	1.2	1.4	9.55	10.95
25253BI3X2.5SDC	3 x 2.5	1 x 1.78	0.8	0.4	1.2	1.4	10.85	11.25
25253BI3X4SDC	3 x 4.0	1 x 2.26	0.8	0.4	1.2	1.4	11.8	12.2
25253BI3X6SDC	3 x 6.0	1 x 2.76	0.8	0.4	1.4	1.6	13.3	13.7
25253BI3X10SDC	3 x 10	1 x 3.57	1.0	0.6	1.4	1.6	16.3	16.7
25253BI3X16SRC	3 x 16	7 x 1.70	1.0	0.8	1.4	1.6	20.0	20.4
25253BI3X25SRC	3 x 25	7 x 2.14	1.2	0.8	1.6	1.8	22.75	23.15
25253BI3X35SRC	3 x 35	7 x 2.51	1.2	1.0	1.6	1.8	27.0	27.4
25253BI4X1.5SDC	4 x 1.5	1 x 1.38	0.7	0.4	1.2	1.4	10.25	10.65
25253BI4X2.5SDC	4 x 2.5	1 x 1.78	0.8	0.4	1.2	1.4	11.7	12.1
25253BI4X4SDC	4 x 4.0	1 x 2.26	0.8	0.4	1.4	1.6	13.2	13.6
25253BI4X6SDC	4 x 6.0	1 x 2.76	0.8	0.6	1.4	1.6	14.8	15.2
25253BI4X10SDC	4 x 10	1 x 3.57	1.0	0.6	1.4	1.6	17.7	18.1
25253BI4X35SRC	4 x 35	7 x 2.51	1.2	1.0	1.6	1.8	29.5	29.9
25253BI5X1.5SDC	5 x 1.5	1 x 1.38	0.7	0.4	1.2	1.4	11.1	11.5
25253BI5X2.5SDC	5 x 2.5	1 x 1.78	0.8	0.4	1.2	1.4	12.75	13.15
25253BI5X4SDC	5 x 4.0	1 x 2.26	0.8	0.6	1.4	1.6	14.75	15.15
25253BI5X6SDC	5 x 6.0	1 x 2.76	0.8	0.6	1.4	1.6	16.1	16.5
25253BI5X10SDC	5 x 10	1 x 3.57	1.0	0.6	1.4	1.6	19.4	19.8
25253BI5X16SRC	5 x 16	7 x 1.70	1.0	0.8	1.6	1.8	24.4	24.8
25253BI5X25SRC	5 x 25	7 x 2.14	1.2	1.0	1.6	1.8	29.5	29.9
25253BI5X35SRC	5 x 35	7 x 2.51	1.2	1.2	1.6	1.8	32.9	33.3

4- NYMHY and HO5VV-F PVC Insulated Circular Flexible Cable

Application: In domestic premises, offices, for household appliances for medium duties and can be for other special uses if the cable is not continuous movable.

Standards: VDE 0250, VDE 0281, BS 6500, IEC 60227

Conductor: Flexible Annealed Plain Copper

Insulation: PVC Rated 70 °C Type TI2 according to BS 6500 or PVC/D according to IEC60227

Sheathing: Black or White Color PVC Type TM2 to BS 6500 or PVC/ST5 according to IEC60227

Rated Voltage: 300/500 V

Packing: 100 Yards, 100 Meters Coils or on Wooden Drums

Note: Conductors can be insulated by Heat Resistant PVC Rated 90 °C or 105 °C according to Customer Requirements

Construction Details for NYMHY or HO5VV-F Two Cores

Cable Code	Size	Conductor Construction	Insulation Thickness	Bedding Thickness	Sheathing Thickness	Nominal Overall Diameter
	mm²	NO. x mm	mm	mm	mm	mm
03252VB2X0.5FXC	0.5	16 x 0.20	0.6	-	0.8	6.0
03252VB2X0.75FXC	0.75	24 x 0.20	0.6	-	0.8	6.5
03252VB2X1FXC	1.0	32 x 0.20	0.6	-	0.8	6.8
03252VB2X1.5FXC	1.5	30 x 0.25	0.7	-	0.8	7.8
03252VB2X2.5FXC	2.5	50 x 0.25	0.8	-	1.0	9.5
03252VB2X4.0FXC	4.0	56 x 0.30	0.8	-	1.2	11.0
03252VB2X6.0FXC	6.0	84 x 0.30	0.8	-	1.4	12.6
03252VB2X10FXC	10	80 x 0.40	1.0	-	1.8	16.1
03253VB2X16FXC	16	126 x 0.40	1.0	0.8	1.5	19.3
03253VB2X25FXC	25	196 x 0.40	1.2	0.8	1.5	22.7
03253VB2X35FXC	35	273 x 0.40	1.2	0.8	1.5	25.0
03253VB2X50FXC	50	399 x 0.40	1.4	1.0	1.8	30.0
03253VB2X70FXC	70	361 x 0.50	1.4	1.0	1.8	36.8
03253VB2X95FXC	95	475 x 0.50	1.6	1.2	2.0	42.1
03253VB2X120FXC	120	592 x 0.50	1.6	1.2	2.1	45.8
03253VB2X150FXC	150	740 x 0.50	1.8	1.4	2.2	51.0
03253VB2X185FXC	185	925 x 0.50	2.0	1.5	2.3	56.4
03253VB2X240FXC	240	1220 x 0.50	2.2	1.6	2.4	63.7

Construction Details for NYMHY or HO5VV-F Three Cores

Cable Code	Size	Conductor Construction	Insulation Thickness	Bedding Thickness	Sheathing Thickness	Nominal Overall Diameter
	mm²	NO. x mm	mm	mm	mm	mm
03252VB3X0.5FXC	0.5	16 x 0.20	0.6	-	0.8	6.35
03252VB3X0.75FXC	0.75	24 x 0.20	0.6	-	0.8	6.9
03252VB3X1FXC	1.0	32 x 0.20	0.6	-	0.8	7.2
03252VB3X1.5FXC	1.5	30 x 0.25	0.7	-	0.9	8.5
03252VB3X2.5FXC	2.5	50 x 0.25	0.8	-	1.1	10.3
03252VB3X4.0FXC	4.0	56 x 0.30	0.8	-	1.2	11.7
03252VB3X6.0FXC	6.0	84 x 0.30	0.8	-	1.4	13.4
03252VB3X10FXC	10	80 x 0.40	1.0	-	1.8	17.1
03253VB3X16FXC	16	126 x 0.40	1.0	0.7	1.6	20.45
03253VB3X25FXC	25	196 x 0.40	1.2	0.8	1.6	24.3
03253VB3X35FXC	35	273 x 0.40	1.2	0.9	1.6	27.0
03253VB3X50FXC	50	399 x 0.40	1.4	1.0	1.9	32.15
03253VB3X70FXC	70	361 x 0.50	1.4	1.1	2.0	39.9
03253VB3X95FXC	95	475 x 0.50	1.6	1.2	2.2	45.35
03253VB3X120FXC	120	592 x 0.50	1.6	1.3	2.4	49.7
03253VB3X150FXC	150	740 x 0.50	1.8	1.4	2.5	55.1
03253VB3X185FXC	185	925 x 0.50	2.0	1.5	2.6	60.9
03253VB3X240FXC	240	1220 x 0.50	2.2	1.6	2.8	68.95

Construction Details for NYMHY or HO5VV-F Four Cores

Cable Code	Size	Conductor Construction	Insulation Thickness	Bedding Thickness	Sheathing Thickness	Nominal Overall Diameter
	mm²	NO. x mm	mm	mm	mm	mm
03252VB4X0.5FXC	0.5	16 x 0.20	0.6	-	0.8	6.9
03252VB4X0.75FXC	0.75	24 x 0.20	0.6	-	0.8	7.5
03252VB4X1FXC	1.0	32 x 0.20	0.6	-	0.9	8.05
03252VB4X1.5FXC	1.5	30 x 0.25	0.7	-	1.0	9.45
03252VB4X2.5FXC	2.5	50 x 0.25	0.8	-	1.2	11.4
03252VB4X4.0FXC	4.0	56 x 0.30	0.8	-	1.4	13.15
03252VB4X6.0FXC	6.0	84 x 0.30	0.8	-	1.4	14.6
03252VB4X10FXC	10	80 x 0.40	1.0	-	1.8	18.65
03253VB4X16FXC	16	126 x 0.40	1.0	0.7	1.6	22.3
03253VB4X25FXC	25	196 x 0.40	1.2	1.0	1.7	27.2
03253VB4X35FXC	35	273 x 0.40	1.2	1.0	1.7	30.0
03253VB4X50FXC	50	399 x 0.40	1.4	1.2	2.0	35.75
03253VB4X70FXC	70	361 x 0.50	1.4	1.2	2.2	44.35
03253VB4X95FXC	95	475 x 0.50	1.6	1.3	2.3	50.2
03253VB4X120FXC	120	592 x 0.50	1.6	1.4	2.5	55.0
03253VB4X150FXC	150	740 x 0.50	1.8	1.5	2.6	60.95
03253VB4X185FXC	185	925 x 0.50	2.0	1.6	2.7	67.35
03253VB4X240FXC	240	1220 x 0.50	2.2	1.7	2.8	76.1

Construction Details for NYMHY or HO5VV-F Five Cores

Cable Code	Size	Conductor Construction	Insulation Thickness	Bedding Thickness	Sheathing Thickness	Nominal Overall Diameter
	mm²	NO. x mm	mm	mm	mm	mm
03252VB5X0.5FXC	0.5	16 x 0.20	0.6	-	0.8	7.5
03252VB5X0.75FXC	0.75	24 x 0.20	0.6	-	1.0	8.6
03252VB5X1FXC	1.0	32 x 0.20	0.6	-	1.0	9.0
03252VB5X1.5FXC	1.5	30 x 0.25	0.7	-	1.1	10.55
03252VB5X2.5FXC	2.5	50 x 0.25	0.8	-	1.2	12.5
03252VB5X4.0FXC	4.0	56 x 0.30	0.8	-	1.4	14.4
03252VB5X6.0FXC	6.0	84 x 0.30	0.8	-	1.5	16.2

Construction Details for NYMHY or HO5VV-F Six Cores

Cable Code	Size	Conductor Construction	Insulation Thickness	Bedding Thickness	Sheathing Thickness	Nominal Overall Diameter
	mm²	NO. x mm	mm	mm	mm	mm
03252VB6X0.5FXC	0.5	16 x 0.20	0.6	-	0.9	8.35
03252VB6X0.75FXC	0.75	24 x 0.20	0.6	-	1.0	9.30
03252VB6X1FXC	1.0	32 x 0.20	0.6	-	1.0	9.75
03252VB6X1.5FXC	1.5	30 x 0.25	0.7	-	1.2	11.65
03252VB6X2.5FXC	2.5	50 x 0.25	0.8	-	1.2	13.6

Construction Details for NYMHY or HO5VV-F Seven Cores

Cable Code	Size	Conductor Construction	Insulation Thickness	Bedding Thickness	Sheathing Thickness	Nominal Overall Diameter
	mm²	NO. x mm	mm	mm	mm	mm
03252VB7X0.5FXC	0.5	16 x 0.20	0.6	-	0.9	8.35
03252VB7X0.75FXC	0.75	24 x 0.20	0.6	-	1.0	9.30
03252VB7X1FXC	1.0	32 x 0.20	0.6	-	1.0	9.75
03252VB7X1.5FXC	1.5	30 x 0.25	0.7	-	1.2	11.65
03252VB7X2.5FXC	2.5	50 x 0.25	0.8	-	1.2	13.6

5- Circular Flexible Control Cables

Standards: IEC 60227

Conductor: Flexible Annealed Plain Copper

Insulation: PVC Rated 70 °C Type PVC/D according to IEC60227

Colors of Cores: Black with White Numbers

Sheathing: Black or White Color PVC Type ST5 according to IEC60227

Rated Voltage: 300/500 V

Packing: 100 Yards, 100 Meters Coils or on Wooden Drums

Construction Details for Circular Flexible Control Cables

Cable Code	Size	Conductor Construction	Insulation Thickness	Sheathing Thickness	Nominal Overall Diameter	Minimum Insulation Resistance @ 70 °C
	mm²	NO. x mm	mm	mm	mm	MΩ . Km
02252VB2X0.5FXC	2 x 0.5	16 x 0.20	0.6	0.7	5.8	0.013
02252VB2X0.75FXC	2 x 0.75	24 x 0.20	0.6	0.8	6.5	0.011
02252VB2X1FXC	2 x 1.0	32 x 0.20	0.6	0.8	6.8	0.010
02252VB2X1.5FXC	2 x 1.5	30 x 0.25	0.7	0.8	7.8	0.010
02252VB2X2.5FXC	2 x 2.5	50 x 0.25	0.8	0.9	9.3	0.009
02252VB3X0.5FXC	3 x 0.5	16 x 0.20	0.6	0.7	6.15	0.013
02252VB3X0.75FXC	3 x 0.75	24 x 0.20	0.6	0.8	6.9	0.011
02252VB3X1FXC	3 x 1.0	32 x 0.20	0.6	0.8	7.2	0.010
02252VB3X1.5FXC	3 x 1.5	30 x 0.25	0.7	0.9	8.5	0.010
02252VB3X2.5FXC	3 x 2.5	50 x 0.25	0.8	1.0	10.1	0.009
02252VB4X0.5FXC	4 x 0.5	16 x 0.20	0.6	0.8	6.9	0.013
02252VB4X0.75FXC	4 x 0.75	24 x 0.20	0.6	0.8	7.5	0.011
02252VB4X1FXC	4 x 1.0	32 x 0.20	0.6	0.8	7.85	0.010
02252VB4X1.5FXC	4 x 1.5	30 x 0.25	0.7	0.9	9.25	0.010
02252VB4X2.5FXC	4 x 2.5	50 x 0.25	0.8	1.1	11.2	0.009
02252VB5X0.5FXC	5 x 0.5	16 x 0.20	0.6	0.8	7.5	0.013
02252VB5X0.75FXC	5 x 0.75	24 x 0.20	0.6	0.9	8.4	0.011
02252VB5X1FXC	5 x 1.0	32 x 0.20	0.6	0.9	8.8	0.010
02252VB5X1.5FXC	5 x 1.5	30 x 0.25	0.7	1.0	10.35	0.010
02252VB5X2.5FXC	5 x 2.5	50 x 0.25	0.8	1.1	12.3	0.009

Construction Details for Circular Flexible Control Cables

Cable Code	Size	Conductor Construction	Insulation Thickness	Sheathing Thickness	Nominal Overall Diameter	Minimum Insulation Resistance @ 70 °C
	mm²	NO. x mm	mm	mm	mm	MΩ . Km
02252VB6X0.5FXC	6 x 0.5	16 x 0.20	0.6	0.9	8.35	0.013
02252VB6X0.75FXC	6 x 0.75	24 x 0.20	0.6	0.9	9.1	0.011
02252VB6X1FXC	6 x 1.0	32 x 0.20	0.6	1.0	9.75	0.010
02252VB6X1.5FXC	6 x 1.5	30 x 0.25	0.7	1.1	11.45	0.010
02252VB6X2.5FXC	6 x 2.5	50 x 0.25	0.8	1.2	13.6	0.009
02252VB7X0.5FXC	7 x 0.5	16 x 0.20	0.6	0.9	9.1	0.013
02252VB7X0.75FXC	7 x 0.75	24 x 0.20	0.6	1.0	10.15	0.011
02252VB7X1FXC	7 x 1.0	32 x 0.20	0.6	1.0	10.65	0.010
02252VB7X1.5FXC	7 x 1.5	30 x 0.25	0.7	1.2	12.7	0.010
02252VB7X2.5FXC	7 x 2.5	50 x 0.25	0.8	1.3	15.1	0.009
02252VB12X0.5FXC	12 x 0.5	16 x 0.20	0.6	1.1	11.25	0.013
02252VB12X0.75FXC	12 x 0.75	24 x 0.20	0.6	1.1	12.3	0.011
02252VB12X1FXC	12 x 1.0	32 x 0.20	0.6	1.2	13.1	0.010
02252VB12X1.5FXC	12 x 1.5	30 x 0.25	0.7	1.3	15.4	0.010
02252VB12X2.5FXC	12 x 2.5	50 x 0.25	0.8	1.5	18.5	0.009
02252VB18X0.5FXC	18 x 0.5	16 x 0.20	0.6	1.2	13.25	0.013
02252VB18X0.75FXC	18 x 0.75	24 x 0.20	0.6	1.3	14.7	0.011
02252VB18X1FXC	18 x 1.0	32 x 0.20	0.6	1.3	15.45	0.010
02252VB18X1.5FXC	18 x 1.5	30 x 0.25	0.7	1.5	18.35	0.010
02252VB18X2.5FXC	18 x 2.5	50 x 0.25	0.8	1.8	22.2	0.009
02252VB27X0.5FXC	27 x 0.5	16 x 0.20	0.6	1.4	16.15	0.013
02252VB27X0.75FXC	27 x 0.75	24 x 0.20	0.6	1.5	17.9	0.011
02252VB27X1FXC	27 x 1.0	32 x 0.20	0.6	1.5	18.8	0.010
02252VB27X1.5FXC	27 x 1.5	30 x 0.25	0.7	1.8	22.5	0.010
02252VB27X2.5FXC	27 x 2.5	50 x 0.25	0.8	2.1	27.1	0.009
02252VB36X0.5FXC	36 x 0.5	16 x 0.20	0.6	1.5	18.15	0.013
02252VB36X0.75FXC	36 x 0.75	24 x 0.20	0.6	1.6	20.1	0.011
02252VB36X1FXC	36 x 1.0	32 x 0.20	0.6	1.7	21.35	0.010
02252VB36X1.5FXC	36 x 1.5	30 x 0.25	0.7	2.0	25.45	0.010
02252VB36X2.5FXC	36 x 2.5	50 x 0.25	0.8	2.3	30.6	0.009
02252VB48X0.5FXC	48 x 0.5	16 x 0.20	0.6	1.7	21.05	0.013
02252VB48X0.75FXC	48 x 0.75	24 x 0.20	0.6	1.8	23.3	0.011
02252VB48X1FXC	48 x 1.0	32 x 0.20	0.6	1.9	24.7	0.010
02252VB48X1.5FXC	48 x 1.5	30 x 0.25	0.7	2.2	29.4	0.010
02252VB48X2.5FXC	48 x 2.5	50 x 0.25	0.8	2.4	35.1	0.009
02252VB60X0.5FXC	60 x 0.5	16 x 0.20	0.6	1.8	23.05	0.013
02252VB60X0.75FXC	60 x 0.75	24 x 0.20	0.6	2.0	25.7	0.011
02252VB60X1FXC	60 x 1.0	32 x 0.20	0.6	2.1	27.25	0.010
02252VB60X1.5FXC	60 x 1.5	30 x 0.25	0.7	2.4	32.35	0.010
02252VB60X2.5FXC	60 x 2.5	50 x 0.25	0.8	2.4	38.2	0.009

6- Flat Flexible Control Cables (Normally Lifts Cables)

Standards: BS EN 50214
Conductor: Flexible Annealed Plain Copper
Insulation: PVC Rated 70 °C or PVC Like Rubber
Colors of Cores: Black with White Numbers
Sheathing: Black or White Color PVC or PVC Like Rubber
Rated Voltage: 300/500 V
Packing: 100 Yards, 100 Meters Coils or on Wooden Drums

Construction Details for Flat Flexible Control Cables

Cable Code	Size	Conductor Construction	Insulation Thickness	Sheathing Thickness		Nominal Overall Diameter	Minimum Insulation Resistance @ 70 °C
				Flat Side	Edge Side		
	mm²	NO. x mm	mm	mm	mm	mm x mm	MΩ . Km
10318BS12X0.75FXC	12 x 0.75	24 x 0.20	0.6	0.8	1.2	4.05 x 31.7	0.011
10318BS16X0.75FXC	16 x 0.75	24 x 0.20	0.6	0.8	1.2	4.05 x 41.6	0.011
10318BS18X0.75FXC	18 x 0.75	24 x 0.20	0.6	0.8	1.2	4.05 x 46.3	0.011
10318BS20X0.75FXC	20 x 0.75	24 x 0.20	0.6	0.8	1.2	4.05 x 51.5	0.011
10318BS24X0.75FXC	24 x 0.75	24 x 0.20	0.6	0.8	1.2	4.05 x 61.4	0.011
10318BS12X1FXC	12 x 1.0	32 x 0.20	0.6	0.8	1.2	4.20 x 33.7	0.010
10318BS16X1FXC	16 x 1.0	32 x 0.20	0.6	0.8	1.2	4.20 x 44.3	0.010
10318BS18X1FXC	18 x 1.0	32 x 0.20	0.6	0.8	1.2	4.20 x 49.4	0.010
10318BS20X1FXC	20 x 1.0	32 x 0.20	0.6	0.8	1.2	4.20 x 54.9	0.010
10318BS24X1FXC	24 x 1.0	32 x 0.20	0.6	0.8	1.2	4.20 x 65.5	0.010
10318BS3X1.5FXC	3 x 1.5	30 x 0.25	0.7	1.0	1.5	5.15 x 12.3	0.010
10318BS4X1.5FXC	4 x 1.5	30 x 0.25	0.7	1.0	1.5	5.15 x 15.3	0.010
10318BS5X1.5FXC	5 x 1.5	30 x 0.25	0.7	1.0	1.5	5.15 x 18.4	0.010
10318BS7X1.5FXC	7 x 1.5	30 x 0.25	0.7	1.0	1.5	5.15 x 26.5	0.010
10318BS12X1.5FXC	12 x 1.5	30 x 0.25	0.7	1.0	1.5	5.15 x 41.7	0.010
10318BS19X1.5FXC	19 x 1.5	30 x 0.25	0.7	1.0	1.5	5.15 x 65.1	0.010
10318BS3X2.5FXC	3 x 2.5	50 x 0.25	0.8	1.0	1.8	5.8 x 14.8	0.009
10318BS4X2.5FXC	4 x 2.5	50 x 0.25	0.8	1.0	1.8	5.8 x 18.5	0.009
10318BS5X2.5FXC	5 x 2.5	50 x 0.25	0.8	1.0	1.8	5.8 x 22.2	0.009
10318BS7X2.5FXC	7 x 2.5	50 x 0.25	0.8	1.0	1.8	5.8 x 32.6	0.009
10318BS12X2.5FXC	12 x 2.5	50 x 0.25	0.8	1.0	1.8	5.8 x 51.1	0.009
10318BS19X2.5FXC	19 x 2.5	50 x 0.25	0.8	1.0	1.8	5.8 x 80.0	0.009

7- Rubber Insulated Circular Flexible Cable

Application: Used for submersible pump in bore-holes and heavy duty cables for mines and industry

Standards: VDE 0250, BS 6007

Conductor: Flexible Annealed Tinned Copper

Insulation: EPR Rubber for Maximum Working Temperature 90 °C

Bedding: Black EPR Rubber

Sheathing: Black EPR Rubber

Rated Voltage: 450/750 V or 600/1000 V

Construction Details Rubber Insulated Flexible Cable (Single Core)

Cable Code	Size	Conductor Construction	Insulation Thickness	Bedding Thickness	Sheathing Thickness	Nominal Overall Diameter
	mm²	NO. x mm	Mm	mm	mm	mm
03308VB1X0.75FXC	0.75	24 x 0.20	0.8	-	1.4	5.65
03308VB1X1FXC	1.0	32 x 0.20	0.8	-	1.4	5.80
03308VB1X1.5FXC	1.5	30 x 0.25	0.8	-	1.4	6.1
03308VB1X2.5FXC	2.5	50 x 0.25	0.9	-	1.4	6.75
03308VB1X4.0FXC	4.0	56 x 0.30	1.0	-	1.5	7.7
03308VB1X6.0FXC	6.0	84 x 0.30	1.0	-	1.6	8.45
03308VB1X10FXC	10	80 x 0.40	1.2	-	1.8	10.25
03308VB1X16FXC	16	126 x 0.40	1.2	-	1.9	11.55
03308VB1X25FXC	25	196 x 0.40	1.4	-	2.0	13.45
03308VB1X35FXC	35	273 x 0.40	1.4	-	2.2	15.0
03308VB1X50FXC	50	399 x 0.40	1.6	-	2.4	17.4
03308VB1X70FXC	70	361 x 0.50	1.6	-	2.6	21.15
03308VB1X95FXC	95	475 x 0.50	1.8	-	2.8	23.85
03308VB1X120FXC	120	592 x 0.50	1.8	-	3.0	26.0
03308VB1X150FXC	150	740 x 0.50	2.0	-	3.2	28.7
03308VB1X185FXC	185	925 x 0.50	2.2	-	3.4	31.6
03308VB1X240FXC	240	1220 x 0.50	2.4	-	3.5	35.25
03308VB1X300FXC	300	1525 x 0.50	2.6	-	3.6	38.6
03308VB1X400FXC	400	2002 x 0.50	2.8	-	3.8	43.2

Construction Details Rubber Insulated Flexible Cable (Two Cores)

Cable Code	Size	Conductor Construction	Insulation Thickness	Bedding Thickness	Sheathing Thickness	Nominal Overall Diameter
	mm²	NO. x mm	mm	mm	mm	mm
03308VB2X0.75FXC	0.75	24 x 0.20	0.8	-	1.3	8.3
03308VB2X1FXC	1.0	32 x 0.20	0.8	-	1.3	8.6
03308VB2X1.5FXC	1.5	30 x 0.25	0.8	-	1.5	9.6
03308VB2X2.5FXC	2.5	50 x 0.25	0.9	-	1.7	11.3
03308VB2X4.0FXC	4.0	56 x 0.30	1.0	-	1.8	13.0
03308VB2X6.0FXC	6.0	84 x 0.30	1.0	-	2.0	14.5
03308VB2X10FXC	10	80 x 0.40	1.2	-	3.1	19.4
03309VB2X16FXC	16	126 x 0.40	1.2	1.3	2.0	22.1
03309VB2X25FXC	25	196 x 0.40	1.4	1.4	2.2	26.1

Construction Details Rubber Insulated Flexible Cable (Three Cores)

Cable Code	Size	Conductor Construction	Insulation Thickness	Bedding Thickness	Sheathing Thickness	Nominal Overall Diameter
	mm²	NO. x mm	mm	mm	mm	mm
03308VB3X0.75FXC	0.75	24 x 0.20	0.8	-	1.4	8.95
03308VB3X1FXC	1.0	32 x 0.20	0.8	-	1.4	9.3
03308VB3X1.5FXC	1.5	30 x 0.25	0.8	-	1.6	10.3
03308VB3X2.5FXC	2.5	50 x 0.25	0.9	-	1.8	12.1
03308VB3X4.0FXC	4.0	56 x 0.30	1.0	-	1.9	13.95
03308VB3X6.0FXC	6.0	84 x 0.30	1.0	-	2.1	15.5
03308VB3X10FXC	10	80 x 0.40	1.2	-	3.3	20.85
03309VB3X16FXC	16	126 x 0.40	1.2	1.4	2.1	23.7
03309VB3X25FXC	25	196 x 0.40	1.4	1.5	2.3	28.0
03309VB3X35FXC	35	273 x 0.40	1.4	1.6	2.5	31.1
03309VB3X50FXC	50	399 x 0.40	1.6	1.8	2.7	36.2
03309VB3X70FXC	70	361 x 0.50	1.6	1.9	2.9	44.0
03309VB3X95FXC	95	475 x 0.50	1.8	2.1	3.2	50.0
03309VB3X120FXC	120	592 x 0.50	1.8	2.2	3.4	55.0
03309VB3X150FXC	150	740 x 0.50	2.0	2.4	3.6	60.15
03309VB3X185FXC	185	925 x 0.50	2.2	2.5	3.9	66.4
03309VB3X240FXC	240	1220 x 0.50	2.4	2.8	4.3	75.2

Construction Details Rubber Insulated Flexible Cable (Four Cores)

Cable Code	Size	Conductor Construction	Insulation Thickness	Bedding Thickness	Sheathing Thickness	Nominal Overall Diameter
	mm²	NO. x mm	mm	mm	mm	mm
03308VB4X0.75FXC	0.75	24 x 0.20	0.8	-	1.5	9.85
03308VB4X1FXC	1.0	32 x 0.20	0.8	-	1.5	10.2
03308VB4X1.5FXC	1.5	30 x 0.25	0.8	-	1.7	11.3
03308VB4X2.5FXC	2.5	50 x 0.25	0.9	-	1.9	13.3
03308VB4X4.0FXC	4.0	56 x 0.30	1.0	-	2.0	15.3
03308VB4X6.0FXC	6.0	84 x 0.30	1.0	-	2.3	17.2
03308VB4X10FXC	10	80 x 0.40	1.2	-	3.4	22.7
03309VB4X16FXC	16	126 x 0.40	1.2	1.4	2.2	25.85
03309VB4X25FXC	25	196 x 0.40	1.4	1.6	2.5	30.95
03309VB4X35FXC	35	273 x 0.40	1.4	1.7	2.7	34.3
03309VB4X50FXC	50	399 x 0.40	1.6	1.9	2.9	39.9
03309VB4X70FXC	70	361 x 0.50	1.6	2.0	3.2	48.8
03309VB4X95FXC	95	475 x 0.50	1.8	2.3	3.6	49.0
03309VB4X120FXC	120	592 x 0.50	1.8	2.4	3.6	56.0
03309VB4X150FXC	150	740 x 0.50	2.0	2.6	3.9	66.7
03309VB4X185FXC	185	925 x 0.50	2.2	2.8	4.2	73.75

Construction Details Rubber Insulated Flexible Cable (Five Cores)

Cable Code	Size	Conductor Construction	Insulation Thickness	Bedding Thickness	Sheathing Thickness	Nominal Overall Diameter
	mm²	NO. x mm	mm	mm	mm	mm
03308VB5X0.75FXC	0.75	24 x 0.20	0.8	-	1.6	10.9
03308VB5X1FXC	1.0	32 x 0.20	0.8	-	1.6	11.3
03308VB5X1.5FXC	1.5	30 x 0.25	0.8	-	1.8	12.5
03308VB5X2.5FXC	2.5	50 x 0.25	0.9	-	2.0	14.65
03308VB5X4.0FXC	4.0	56 x 0.30	1.0	-	2.2	17.1
03308VB5X6.0FXC	6.0	84 x 0.30	1.0	-	2.5	19.2
03308VB5X10FXC	10	80 x 0.40	1.2	-	3.6	25.05
03309VB5X16FXC	16	126 x 0.40	1.2	1.5	2.4	28.75
03309VB5X25FXC	25	196 x 0.40	1.4	1.7	2.7	34.35

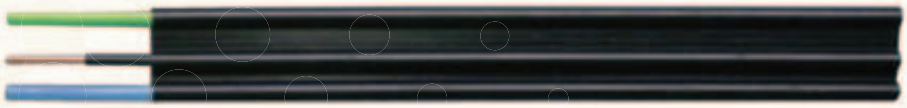
Construction Details Rubber Insulated Flexible Cable (Six Cores)

Cable Code	Size	Conductor Construction	Insulation Thickness	Bedding Thickness	Sheathing Thickness	Nominal Overall Diameter
	mm²	NO. x mm	mm	mm	mm	mm
03308VB6X0.75FXC	0.75	24 x 0.20	0.8	-	1.7	11.9
03308VB6X1FXC	1.0	32 x 0.20	0.8	-	1.7	12.4
03308VB6X1.5FXC	1.5	30 x 0.25	0.8	-	1.9	13.7
03308VB6X2.5FXC	2.5	50 x 0.25	0.9	-	2.1	16.0

Construction Details Rubber Insulated Flexible Cable (Seven Cores)

Cable Code	Size	Conductor Construction	Insulation Thickness	Bedding Thickness	Sheathing Thickness	Nominal Overall Diameter
	mm²	NO. x mm	mm	mm	mm	mm
03308VB7X0.75FXC	0.75	24 x 0.20	0.8	-	1.7	11.9
03308VB7X1FXC	1.0	32 x 0.20	0.8	-	1.7	12.4
03308VB7X1.5FXC	1.5	30 x 0.25	0.8	-	1.9	13.7
03308VB7X2.5FXC	2.5	50 x 0.25	0.9	-	2.1	16.0

8- NYIFY, PVC Insulated Flat Cable



Application: For wiring in dry conditions for permanent laying in plaster and under plaster

Standards: VDE 250

Conductor: Solid or Stranded Annealed Plain Copper

Insulation: PVC Rated 70 °C

Assembly: The cores are laid side by side and framed with PVC sheath such that to form web in between cores

Sheathing: Black or White Color PVC

Rated Voltage: 380 V

Packing: 100 Yards, 100 Meters Coils in Cartoons

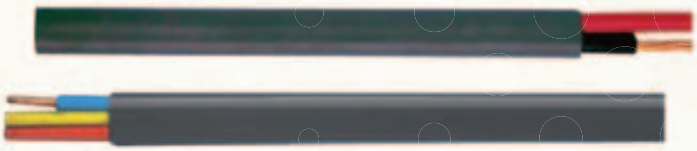
Construction Details for NYIFY PVC Insulated Flat Cables

Cable Code	Size	Conductor Construction	Insulation Thickness	Sheathing Thickness	Nominal Overall Diameter	Max. Conductor Resistance @20 °C
	mm²	NO. x mm	mm	mm	mm x mm	Ω/Km
43251VD2X1SDC	2 x 1	1 x 1.13	0.4	0.7	3.45 x 9.9	18.1
43251VD3X1SDC	3 x 1	1 x 1.13	0.4	0.7	3.45 x 16.05	18.1
43251VD2X1.5SDC	2 x 1.5	1 x 1.38	0.4	0.8	4.0 x 11.1	12.1
43251VD3X1.5SDC	3 x 1.5	1 x 1.38	0.4	0.8	4.0 x 17.6	12.1
43251VD2X2.5SDC	2 x 2.5	1 x 1.78	0.5	0.9	4.8 x 12.6	7.41
43251VD3X2.5SDC	3 x 2.5	1 x 1.78	0.5	0.9	4.8 x 19.6	7.41
43251VD2X4SDC	2 x 4	7 x 0.85	0.6	1.0	5.85 x 14.7	4.61

Colors of Cores

Number of Cores	With Protective Conductor (Coded Y)	Without Protective Conductor
2	-	Black, Blue
3	Green/Yellow, Black, Blue	Black, Blue, Brown

9- PVC Insulated Twin and Three Cores Flat Cable



Application: For indoor wiring in walls on boards, and in channels or embedded in plaster

Standards: BS 6004 and IEC 60227

Conductor: Solid or Stranded Annealed Plain Copper

Insulation: PVC Rated 70 °C Type TI1 according to BS 6004 or PVC/C according to IEC60227

Sheathing: Gray Color PVC

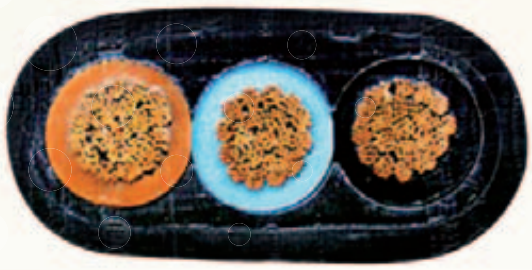
Rated Voltage: 300/500 V

Packing: 100 Yards, 100 Meters Coils in Cartoons or Nylon

Construction Details for PVC Insulated Twin and Three Cores Flat Cables

Cable Code	Size	Conductor Construction	Insulation Thickness	Sheathing Thickness	Nominal Overall Diameter
	mm²	NO. x mm	mm	mm	mm x mm
10252BI2X1SDC	2 x 1	1 x 1.13	0.6	0.9	4.3 x 6.7
10252BI2X1SRC	2 x 1	7 x 0.43	0.6	0.9	4.45 x 7.0
10252BI3X1SDC	3 x 1	1 x 1.13	0.6	0.9	4.3 x 9.1
10252BI3X1SRC	3 x 1	7 x 0.43	0.6	0.9	4.45 x 9.55
10252BI2X1.5SDC	2 x 1.5	1 x 1.38	0.7	0.9	4.75 x 7.6
10252BI2X1.5SRC	2 x 1.5	7 x 0.53	0.7	0.9	4.95 x 8.0
10252BI3X1.5SDC	3 x 1.5	1 x 1.38	0.7	0.9	4.75 x 10.45
10252BI3X1.5SRC	3 x 1.5	7 x 0.53	0.7	0.9	4.95 x 11.05
10252BI2X2.5SDC	2 x 2.5	1 x 1.78	0.8	1.0	5.55 x 9.0
10252BI2X2.5SRC	2 x 2.5	7 x 0.67	0.8	1.0	5.75 x 9.4
10252BI3X2.5SDC	3 x 2.5	1 x 1.78	0.8	1.0	5.55 x 12.45
10252BI3X2.5SRC	3 x 2.5	7 x 0.67	0.8	1.0	5.75 x 13.05
10252BI2X4SRC	2 x 4	7 x 0.85	0.8	1.0	6.3 x 10.5
10252BI3X4SRC	3 x 4	7 x 0.85	0.8	1.1	6.3 x 14.9
10252BI2X6SRC	2 x 6	7 x 1.04	0.8	1.1	7.1 x 11.9
10252BI3X6SRC	3 x 6	7 x 1.04	0.8	1.1	7.1 x 16.7
10252BI2X10SRC	2 x 10	7 x 1.35	1.0	1.2	8.6 x 14.7
10252BI3X10SRC	3 x 10	7 x 1.35	1.0	1.2	8.6 x 20.8
10252BI2X16SRC	2 x 16	7 x 1.70	1.0	1.3	9.85 x 17.0
10252BI3X16SRC	3 x 16	7 x 1.70	1.0	1.3	9.85 x 24.15

10- PVC Insulated Flat Flexible Cable



Application: In domestic premises, offices, for household appliances for medium duties and can be for other special uses if the cable is not continuous movable.

Standards: VDE 0250, VDE 0281and BS 6500

Conductor: Flexible Annealed Plain Copper

Insulation: PVC Rated 70 °C

Sheathing: Black or White Color PVC

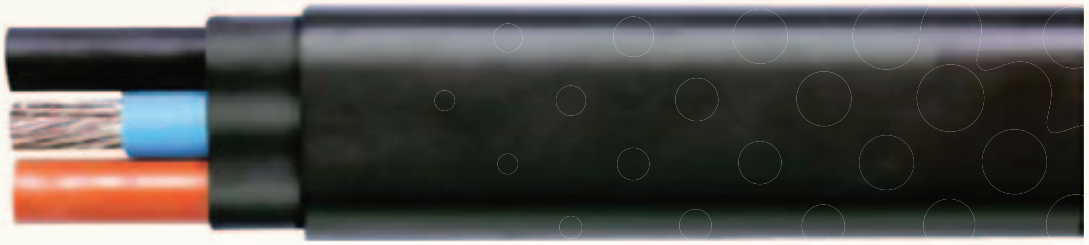
Rated Voltage: 450/750 V

Packing: On Drums

Construction Details for PVC Insulated Flat Flexible Cables (Three Cores)

Cable Code	Size	Conductor Construction	Insulation Thickness	Bedding Thickness	Sheathing Thickness	Nominal Overall Diameter
	mm²	NO. x mm	mm	mm	mm	mm x mm
10253VB3X10FXC	10	80 x 0.40	1.0	1.3	1.3	11.6 x 24.0
10253VB3X16FXC	16	126 x 0.40	1.0	1.4	1.4	13.05 x 77.55
10253VB3X25FXC	25	196 x 0.40	1.2	1.5	1.5	15.15 x 33.05
10253VB3X35FXC	35	273 x 0.40	1.2	1.7	1.7	17.1 x 37.3
10253VB3X50FXC	50	399 x 0.40	1.4	1.8	1.8	19.5 x 43.7
10253VB3X70FXC	70	361 x 0.50	1.4	1.9	1.9	23.3 x 54.3
10253VB3X95FXC	95	475 x 0.50	1.6	2.0	2.0	25.95 x 61.45
10253VB3X120FXC	120	592 x 0.50	1.6	2.1	2.1	28.1 x 67.1
10253VB3X150FXC	150	740 x 0.50	1.8	2.2	2.2	30.8 x 74.4
10253VB3X185FXC	185	925 x 0.50	2.0	2.3	2.3	33.7 x 82.3

11- Rubber Insulated Flat Flexible Cable



Application: Used for submersible pump in bore-holes and heavy duty cables for mines and industry

Standards: VDE 0250 and BS 6007

Conductor: Flexible Annealed Tinned Copper

Insulation: EPR Rubber for Maximum Working Temperature 90 °C

Bedding: Black EPR Rubber

Sheathing: Black EPR Rubber

Rated Voltage: 450/750 V or 600/1000 V

Construction Details Rubber Insulated Flat Flexible Cable (Three Cores)

Cable Code	Size	Conductor Construction	Insulation Thickness	Bedding Thickness	Sheathing Thickness	Nominal Overall Diameter
	mm²	NO. x mm	mm	mm	mm	mm x mm
03308VB3X6.0FXC	6.0	84 x 0.30	1.0	-	2.1	9.5 x 20.0
03308VB3X10FXC	10	80 x 0.40	1.2	-	3.3	13.25 x 26.5
03309VB3X16FXC	16	126 x 0.40	1.2	1.4	2.1	15.5 x 32.5
03309VB3X25FXC	25	196 x 0.40	1.4	1.5	2.3	18.0 x 38.5
03309VB3X35FXC	35	273 x 0.40	1.4	1.6	2.5	20.0 x 43.0
03309VB3X50FXC	50	399 x 0.40	1.6	1.8	2.7	23.0 x 51.0
03309VB3X70FXC	70	361 x 0.50	1.6	1.9	2.9	26.0 x 57.5
03309VB3X95FXC	95	475 x 0.50	1.8	2.1	3.2	29.0 x 65.0
03309VB3X120FXC	120	592 x 0.50	1.8	2.2	3.4	31.3 x 71.1
03309VB3X150FXC	150	740 x 0.50	2.0	2.4	3.6	34.4 x 78.8
03309VB3X185FXC	185	925 x 0.50	2.2	2.5	3.9	37.7 x 87.0
03309VB3X240FXC	240	1220 x 0.50	2.4	2.8	4.3	42.5 x 98.7

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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