通用橡套软电缆

Soft Rubber Sheath Cable for General Purpose

本产品适用于交流额定电压450/750V及以下的家用电器、电动工具和各种移动电气设备。

It is used for household electrical appliance, electrical tools and various mobile electrical equipments with AC rated voltage to and including 450/750V.

一、生产执行标准

GB/T 5013-2008，JB/T 8735-2016。

Executive standard

GB/T 5013-2008，JB/T 8735-2016.

二、使用特性

1、额定电压:YZ、YZW型为300/500V、YC、YCW型为450/750V；

2、电缆允许工作温度应不超过65℃。

Operational performance

1.Rated voltage 300/500V for YZ and YZW type， 450/750V for YC and YCW type.
2.Working temperature allowed by cable shall not exceed 65℃.

三、型号及名称及主要用途

Type, Description and Main Application

型号 Type	名称 Description	主要用途 Main application
60245 IEC 53(YZ)	普通强度橡套软线 Ordinary tough rubber sheathed core	用于各种移动电器设备和工具 For varlous mobile electric devices and tools
60245 IEC 57(YZW)	普通氯丁或其他相当的合成弹性橡套软线 Ordinary polychloroprene or other equivalent synthetic elastomer sheathed cables	用于各种移动电器设备和工具 For varlous mobile electric devices and tools
YZ YZW	中型橡套软电缆 General type rubber sheath soft cable	用于各种移动电器设备和工具 For varlous mobile electric devices and tools
60245 IEC 66(YCW)	重型氯丁或其他相当的合成弹性体橡套软电缆 Heavy polychloroprene or other equivalent synthetic elastomer sheathed flexible cables	用于各种移动电器设备，能承受较大的机械外力作用 Used for various portable electric equipment which can bear larger mechanical force effect.
YC YCW	重型橡套软电缆 Heavy type rubber sheath soft cable	用于各种移动电器设备，能承受较大的机械外力作用 Used for various portable electric equipment which can bear larger mechanical force effect.

四、规格范围

Specication Range

型号 Type	额定电压V Rated voltage	芯数 Core number	标称截面mm² Nominal cross section area
60245IEC53（YZ）	300/500	2~5	0.75~2.5
60245IEC57（YZW）	300/500	2~5	0.75~2.5
60245IEC66（YZW）	450/750	1	1.5~240
		2	1.0~25
		3	1.0~95
		4	1.0~150
		5	1.0~25
YZ	300/500	2~5	4~6
		6	0.75~6
YZW	300/500	2~5	4~6
		6	0.75~6
YC	450/750	1	1.5~240
		2	1.5~95
		3~4	1.5~150
		5	1.5~25
		3+1	2.5~150
YCW	450/750	2	35~95
		3	120~150
		3+1	2.5~150

五、规格尺寸及技术参数如下表　　Specification , Size and Technical Parameter

Table 3 60245 IEC 53(YZ) 60245 IEC 57(YZW)

标称截面 mm² Nominal cross section area	最大单丝直径（mm） Max.diameter of single wire	20℃导体电阻≤Ω/km Conductor resistance at 20℃	电缆外径参考 Cable OD for reference			
			2芯 2cores	3芯 3cores	4芯 4cores	5芯 5cores
0.75	0.21	26.0	5.7~7.4	6.2~8.1	6.8~8.8	7.6~9.9
1.0	0.21	19.5	6.1~8.0	6.5~8.5	7.1~9.3	8.0~10.3
1.5	0.26	13.3	7.6~9.8	8.0~10.4	9.0~11.6	9.8~12.7
2.5	0.26	7.98	9.0~11.6	9.6~12.4	10.7~13.8	11.9~15.3

Table 4 60245IEC 66(YCW)

标称截面 mm² Nominal cross section area	最大单丝直径（mm） Max.diameter of single wire	20℃导体电阻≤Ω/km Conductor resistance at 20℃	电缆外径参考 Cable OD for reference				
			1芯 1cores	2芯 2cores	3芯 3cores	4芯 4cores	5芯 5cores
1.0	0.21	19.5	-	7.7~10.0	8.3~8.8	9.2~11.9	10.2~13.1
1.5	0.26	13.3	5.7~7.1	8.5~11.0	9.2~11.9	10.2~13.1	11.2~14.4
2.5	0.26	7.98	6.3~7.9	10.2~13.1	10.9~14.0	12.1~15.5	13.3~17.0
4	0.31	4.95	7.2~9.0	11.8~15.1	12.7~16.2	14.0~17.9	15.6~19.9
6	0.31	3.30	7.9~9.8	13.1~16.8	14.0~18.0	15.7~20.0	17.5~22.2
10	0.41	1.91	9.5~11.9	17.7~22.6	19.1~24.2	20.9~26.5	22.9~29.1
16	0.41	1.21	10.8~13.4	20.2~25.7	21.8~27.6	23.8~30.1	26.4~33.3
25	0.41	0.780	12.7~15.8	24.3~30.7	26.0~33.0	28.9~36.6	32.0~40.4
35	0.41	0.554	14.3~17.9	-	29.3~37.1	32.5~41.1	-
50	0.41	0.386	16.5~20.6	-	34.1~42.9	37.7~47.5	-
70	0.51	0.272	18.6~23.3	-	38.4~48.3	42.7~54.0	-
95	0.51	0.206	20.8~26.0	-	43.3~54.0	48.4~61.0	-
120	0.51	0.161	22.8~28.6	-	-	53.0~66.0	-
150	0.51	0.129	25.0~31.4	-	-	58.0~73.0	-
185	0.51	0.106	27.6~34.4	-	-	-	-
240	0.51	0.0801	30.6~38.3	-	-	-	-

Table 5 YZ、YZW中型300/500V橡套电缆 YZ、YZW 300/500 Medium rubber insulated cable

芯数*标称截面 (mm²) No.*nominal cross section area	最大单丝直径 (mm) Max.diameter of single wire	绝缘厚度规定值 (mm) Nominal thickness of insulation	护套厚度 (mm) Sheath thickness	外径范围 (mm) Range of outer diameter	20℃导体电阻≤Ω/km Conductor resistance at 20℃	
					铜芯 Copper core	镀锡铜芯 Tinned copper core
2*4	0.31	1.0	1.2	10.6~13.7	4.95	5.09
2*6	0.31	1.0	1.3	11.8~15.1	3.30	3.39
3*4	0.31	1.0	1.2	11.3~14.5	4.95	5.09
3*6	0.31	1.0	1.3	12.6~16.1	3.30	3.39
4*4	0.31	1.0	1.3	12.7~16.2	4.95	5.09
4*6	0.31	1.0	1.4	14.0~17.9	3.30	3.39
3*1.5+1*1	0.26/0.21	0.8/0.6	1.1	8.6~11.2	13.3/19.5	13.7/20.0
3*2.5+1*1.5	0.26/0.26	0.9/0.8	1.2	10.4~13.3	7.98/13.3	8.21/13.7
3*4+1*2.5	0.31/0.26	1.0/0.9	1.3	12.3~15.7	4.95/7.98	5.09/8.21
3*6+1*4	0.31/0.31	1.0/1.0	1.4	13.7~17.5	3.30/4.95	3.39/5.09
5*4	0.31	1.0	1.4	14.1~17.9	4.95	5.09
5*6	0.31	1.0	1.6	15.7~20.0	3.30	3.39
3*1.5+2*1	0.26/0.31	0.8/0.6	1.1	9.2~11.8	13.3/19.5	13.7/20.0
3*2.5+2*1.5	0.26/0.26	0.9/0.8	1.2	11.1~14.2	7.98/13.3	8.21/13.7
3*4+2*2.5	0.31/0.26	1.0/0.9	1.3	13.3~17.0	4.95/7.98	5.09/3.21
3*6+2*4	0.31/0.31	1.0/1.1	1.4	15.0~19.2	3.30/4.95	3.39/5.09
4*1.5+1*1	0.26/0.21	0.8/0.6	1.1	9.5~12.3	13.3/19.5	13.7/20.0
4*2.5+1*1.5	0.26/0.26	0.9/0.8	1.2	11.4~14.6	7.98/13.3	8.21/13.7
4*4+1*2.5	0.31/0.26	1./0.90	1.4	13.7~17.5	4.95/7.98	5.09/8.21

4*6+1*4	0.31/0.31	1.0/1.0	1.5	15.3~19.5	3.30/4.95	3.39/5.09
6*0.75	0.21	0.6	1.0	8.2~10.7	26.0	26.7
6*1	0.21	0.6	1.1	8.7~11.5	19.5	20.0
6*1.5	0.26	0.8	1.2	10.9~14.0	13.3	13.7
6*2.5	0.26	0.9	1.4	13.2~16.9	7.98	8.21
6*4	0.31	1.0	1.5	15.5~19.8	4.95	5.09
6*6	0.31	1.0	1.7	17.4~22.1	3.30	3.39

Table 6 YC重型450/750V橡套软电缆 YC450/750V heavy rubber insulated flexible cable

芯数×导体标称截面积mm² Core No.*Conductor nominal cross-sectional area	导体中单线最大直径 mm The maximum diameter of a single line in a conductor	绝缘厚度规定值 mm Specified value of insulation thickness	护套厚度规定值 mm Specified value of sheath thickness			平均外径 mm Average outside diameter		20℃时导体电阻最大值 Ω/km Max. conductor resistance at 20℃	
			单层 Single layer	单层 Two layer		下限 Lower limit	上限 Upper limit	铜芯 Copper core	镀锡铜芯 Tined copper core
				内层 Inner layer	外层 Outer layer				
1×1	0.21	0.8	1.3	-	-	5.2	6.5	19.5	20.0
1×1.5	0.26	0.8	1.4	-	-	5.7	7.1	13.3	13.7
1×2.5	0.26	0.9	1.4	-	-	6.3	7.9	7.98	8.21
1×4	0.31	1.0	1.5	-	-	7.2	9.0	4.95	5.09
1×6	0.31	1.0	1.6	-	-	7.9	9.8	3.30	3.39
1×10	0.41	1.2	1.8	-	-	9.5	11.9	1.91	1.95
1×16	0.41	1.2	1.9	-	-	10.8	13.4	1.21	1.24
1×25	0.41	1.4	2.0	-	-	12.7	15.8	0.780	0.795
1×35	0.41	1.4	2.2	-	-	14.3	17.9	0.554	0.565
1×50	0.41	1.6	2.4	-	-	16.5	20.6	0.386	0.393
1×70	0.51	1.6	2.6	-	-	18.6	23.3	0.272	0.277
1×95	0.51	1.8	2.8	-	-	20.8	26.0	0.206	0.210
1×120	0.51	1.8	3.0	-	-	22.8	28.6	0.161	0.164
1×150	0.51	2.0	3.2	-	-	25.2	31.4	0.129	0.132
1×185	0.51	2.2	3.4	-	-	27.6	34.4	0.106	0.108
1×240	0.51	2.4	3.5	-	-	30.6	38.3	0.0801	0.0817
1×300	0.51	2.6	3.6	-	-	33.5	41.9	0.0641	0.0654
1×400	0.51	2.8	3.8	-	-	37.4	46.8	0.0486	0.0495
2×1	0.21	0.8	1.3	-	-	7.7	10.0	19.5	20.0
2×1.5	0.26	0.8	1.5	-	-	8.5	11.0	13.3	13.7
2×2.5	0.26	0.9	1.7	-	-	10.2	13.1	7.98	8.21
2×5	0.31	1.0	1.8	-	-	11.8	15.1	4.95	5.09
2×6	0.31	1.0	2.0	-	-	13.1	16.8	3.30	3.39
2×10	0.41	1.2	3.1	-	-	17.7	22.6	1.91	1.95
2×16	0.41	1.2	3.3	1.3	2.0	20.2	25.7	1.21	1.24
2×25	0.41	1.4	3.6	1.4	2.2	24.3	30.7	0.780	0.795
2×35	0.41	1.4	3.9	1.5	2.4	27.3	34.6	0.554	0.565
2×50	0.41	1.6	4.3	1.7	2.6	31.8	40.1	0.386	0.393
2×70	0.51	1.6	4.6	1.8	2.8	35.8	45.1	0.272	0.277
2×95	0.51	1.8	5.0	2.0	3.0	40.2	51.0	0.206	0.210
3×1	0.21	0.8	1.4	-	-	8.3	10.7	19.5	20.0
3×1.5	0.26	0.8	1.6	-	-	9.2	11.9	13.3	13.7
3×2.5	0.26	0.9	1.8	-	-	10.9	14.0	7.98	8.21
3×4	0.31	1.0	1.9	-	-	12.7	16.2	4.95	5.09

Table 7 YC重型450/750V橡套软电缆（续） YC 450/750V heavy rubber insulated flexible cable (sequel)

芯数×导体标称截面积mm² Core No.*Conductor nominal cross-sectional area		导体中单线最大直径 mm The maximum diameter of a single line in a conductor	绝缘厚度规定值 mm Specified value of insulation thickness	护套厚度规定值 mm Specified value of sheath thickness			平均外径 mm Average outside diameter		20℃时导体电阻最大值 Ω/km Max. conductor resistance at 20℃	
				单层 Single layer	单层 Two layer		下限 Lower limit	上限 Upper limit	铜芯 Copper core	镀锡铜芯 Tined copper core
					内层 Inner layer	外层 Outer layer				
3×6		0.31	1.0	2.1	-	-	14.0	18.0	3.30	3.39
3×10		0.41	1.2	3.3	-	-	19.1	24.2	1.91	1.95
3×16		0.41	1.2	3.5	1.4	2.1	21.8	27.6	1.21	1.24
3×25		0.41	1.4	3.8	1.5	2.3	26.1	33.0	0.780	0.795
3×35		0.41	1.4	4.1	1.6	2.5	29.3	37.1	0.554	0.565
3×50		0.41	1.6	4.5	1.8	2.7	34.1	42.9	0.386	0.393
3×70		0.51	1.6	4.8	1.9	2.9	38.4	48.3	0.272	0.277
3×95		0.51	1.8	5.3	2.1	3.2	43.3	54.0	0.206	0.210
3×120		0.51	1.8	5.6	2.2	3.4	47.3	60.0	0.161	0.164
3×150		0.51	2.0	6.0	2.4	3.6	52.0	66.0	0.129	0.132
4×1		0.21	0.8	1.5	-	-	9.2	11.9	19.5	20.0
4×1.5		0.26	0.8	1.7	-	-	10.2	13.1	13.3	13.7
4×2.5		0.26	0.9	1.9	-	-	12.1	15.5	7.98	8.21
4×6		0.31	1.0	2.0	-	-	14.0	17.9	4.95	5.09
4×6		0.31	1.0	2.3	-	-	15.7	22.0	3.30	3.39
4×10		0.41	1.2	3.4	-	-	20.9	26.5	1.91	1.95
4×16		0.41	1.2	3.6	1.4	2.2	23.8	30.1	1.21	1.24
4×25		0.41	1.4	4.1	1.6	2.5	28.9	36.6	0.780	0.795
4×35		0.41	1.4	4.4	1.7	2.7	32.5	41.1	0.554	0.565
4×50		0.46	1.6	4.8	1.9	2.9	37.7	47.5	0.386	0.393
4×70		0.51	1.6	5.2	2.0	3.2	42.7	54.0	0.272	0.277
4×95		0.51	1.8	5.9	2.3	3.6	48.4	61.0	0.206	0.210
4×120		0.51	1.8	6.0	2.4	3.6	53.0	66.0	0.161	0.164
4×150		0.51	2.0	6.5	2.6	3.9	58.0	73.0	0.129	0.132
4×150		0.51	2.0	6.5	2.6	3.9	58.0	73.0	0.129	0.132
四芯[a] (三大一小) Four core (Three big and one small)	3×2.5+1×1.5	0.26/0.26	0.9/0.8	1.8	-	-	11.5	14.7	7.98	8.21
	3×4+1×2.5	0.31/0.26	1.0/0.9	2.0	-	-	13.6	17.3	4.95	5.09
	3×6+1×4	0.31/0.31	1.1/1.0	2.2	-	-	15.2	19.4	3.30	3.39
	3×10+1×6	0.41/0.31	1.2/1.0	3.3	-	-	19.9	25.3	1.91	1.95
	3×16+1×6	0.41/0.31	1.2/1.0	3.5	1.4	2.1	22.2	28.1	1.21	1.24
	3×25+1×10	0.41/0.41	1.4/1.2	3.9	1.6	2.3	26.9	34.0	0.780	0.795
	3×35+1×10	0.41/0.41	1.4/1.2	4.1	1.6	2.5	29.5	37.3	0.554	0.565
	3×50+1×16	0.41/0.41	1.6/1.2	4.5	1.8	2.7	34.2	43.2	0.386	0.393
	3×70+1×25	0.51/0.41	1.6/1.4	4.9	2.0	2.9	39.2	49.4	0.272	0.277
	3×95+1×35	0.51/0.41	1.8/1.4	5.3	2.1	3.2	44.0	55.4	0.206	0.210
	3×120+1×35	0.51/0.41	1.8/1.4	5.6	2.2	3.4	47.6	66.0	0.161	0.164
	3×125+1×50	0.51/0.41	2.0/1.6	6.1	2.4	3.7	53.0	67.0	0.129	0.132

Table 8 YC重型450/750V橡套软电缆（续） YC 450/750V heavy rubber insulated flexible cable (sequel)

芯数×导体标称截面积mm² Core No.*Conductor nominal cross-sectional area		导体中单线最大直径 mm The maximum diameter of a single line in a conductor	绝缘厚度规定值 mm Specified value of insulation thickness	护套厚度规定值 mm Specified value of sheath thickness			平均外径 mm Average outside diameter		20℃时导体电阻最大值 Ω/km Max. conductor resistance at 20℃	
				单层 Single layer	单层 Two layer		下限 Lower limit	上限 Upper limit	铜芯 Copper core	镀锡铜芯 Tined copper core
					内层 Inner layer	外层 Outer layer				
5×1		0.26	0.8	1.6	-	-	10.2	13.1	19.5	20.0
5×1.5		0.26	0.8	1.8	-	-	11.2	14.4	13.3	13.7
5×2.5		0.26	0.9	2.0	-	-	13.3	17.0	7.98	8.21
5×4		0.31	1.0	2.2	-	-	15.6	19.9	4.95	5.09
5×6		0.31	1.0	2.5	-	-	17.5	22.2	3.30	3.39
5×10		0.41	1.2	3.6	-	-	22.9	29.1	1.91	1.95
5×16		0.41	1.2	3.9	1.5	2.4	26.4	33.3	1.21	1.24
5×25		0.41	1.4	4.4	1.7	2.7	32.0	40.4	0.780	0.795
5×35		0.41	1.4	4.6	1.8	2.8	35.7	45.1	0.554	0.565
5×50		0.41	1.6	5.1	2.0	3.1	41.6	52.0	0.386	0.393
5×70		0.51	1.6	5.5	2.2	3.3	47.1	59.0	0.272	0.277
5×95		0.51	1.8	6.1	2.4	3.7	53.0	67.0	0.206	0.210
5×120		0.51	1.8	6.6	2.6	4.0	59.0	74.0	0.161	0.164
5×150		0.51	2.0	7.1	2.8	4.3	65.0	81.0	0.129	0.132
五芯[a] (三大二小) Five core (Three big and two small)	3×2.5+1×1.5	0.26/0.26	0.9/0.8	1.9	-	-	12.4	15.9	7.98	8.21
	3×4+2×2.5	0.31/0.26	1.0/0.9	2.2	-	-	14.8	18.9	4.95	5.09
	3×6+2×4	0.31/0.31	1.0/1.0	2.4	-	-	16.7	21.3	3.30	3.39
	3×10+2×6	0.41/0.31	1.2/1.0	3.4	-	-	21.2	26.9	1.91	1.95
	3×16+2×6	0.41/0.31	1.2/1.0	3.6	1.4	2.2	23.3	29.5	1.21	1.24
	3×25+2×10	0.41/0.41	1.4/1.2	4.0	1.6	2.4	28.2	35.6	0.780	0.795
	3×35+2×10	0.41/0.41	1.4/1.2	4.2	1.7	2.5	30.6	38.7	0.554	0.565
	3×50+2×16	0.41/0.41	1.6/1.2	4.6	1.8	2.8	35.5	44.7	0.386	0.393
	3×70+2×25	0.51/0.41	1.6/1.4	5.0	2.0	3.0	40.9	52.0	0.272	0.288
	3×95+2×35	0.51/0.41	1.8/1.4	5.5	2.2	3.3	46.2	58.0	0.206	0.210
	3×120+2×35	0.51/0.41	1.8/1.4	5.8	2.3	3.5	49.4	62.0	0.161	0.164
	3×150+2×50	0.51/0.41	2.0/1.6	6.3	2.5	3.8	55.0	70.0	0.129	0.132
五芯[a] (四大一小) Five core (Four big and one small)	4×2.5+1×1.5	0.26/0.26	0.8/0.9	2.0	-	-	12.9	16.5	7.98	8.21
	4×4+1×2.5	0.31/0.26	1.0/0.9	2.2	-	-	15.2	19.4	4.95	5.09
	4×6+1×4	0.31/0.31	1.0/1.0	2.4	-	-	17.0	21.6	3.30	3.39
	4×10+1×6	0.41/0.31	1.2/1.0	3.5	-	-	22.0	28.0	1.91	1.95
	4×16+1×6	0.41/0.31	1.2/1.0	3.7	1.5	2.2	24.7	31.3	1.21	1.24
	4×25+1×10	0.41/0.41	1.4/1.2	4.2	1.7	2.5	30.1	38.0	0.780	0.795
	4×35+1×10	0.41/0.41	1.4/1.2	4.4	1.8	2.6	33.2	41.9	0.554	0.565
	4×50+1×16	0.41/0.41	1.6/1.2	4.9	2.0	2.9	38.7	48.7	0.386	0.393

Table 9 YC重型450/750 V橡套软电缆（续） YC 450/750V heavy rubber insulated flexible cable （sequel)

芯数×导体标称截面积mm² Core No.*Conductor nominal cross-sectional area		导体中单线最大直径 mm The maximum diameter of a single line in a conductor	绝缘厚度规定值 mm Specified value of insulation thickness	护套厚度规定值 mm Specified value of sheath thickness			平均外径 mm Average outside diameter		20℃时导体电阻最大值 Ω/km Max. conductor resistance at 20℃	
				单层 Single layer	单层 Two layer		下限 Lower limit	上限 Upper limit	铜芯 Copper core	镀锡铜芯 Tined copper core
					内层 Inner layer	外层 Outer layer				
五芯[a] (三大二小) Five core (Three big and two small)	4×70+1×25	0.51/0.41	1.6/1.4	5.3	2.1	3.2	44.1	56.0	0.272	0.277
	4×95+1×35	0.51/0.41	1.8/1.4	5.8	2.3	3.5	49.7	63.0	0.206	0.210
	4×120+1×35	0.51/0.41	1.8/1.4	6.2	2.5	3.7	54.0	68.0	0.161	0.164
	4×150+1×50	0.51/0.41	2.0/1.6	6.7	2.7	4.0	60.0	75.0	0.129	0.132

注：四芯（三大一小）、五芯（三大二小）和五芯（四大一小）结构中小芯的直流电阻值与同型号相应截面积主线芯相同。

[a]四芯（三大一小）、五芯（三大二小）和五芯（四大一小）结构中导体电阻为主线芯导体电阻。

Note:In the 4 core (3 large and one small), 5 core (3 big 1 small) and 5 core (4 large 1 small) structure, the DC resistance of the small core is the same as that of the main core of the same section area type.

[a] In the 4 core (3 big and 1 small) 5 core (3 big and 2 small) and 5 core (4 big and 1 small), the Conductor resistance is the master core conductor resistance.

Table 10 YCW重型450/750 V橡套软电缆 YCW 450/750V heavy rubber insulated flexible cable

芯数×导体标称截面积mm² Core No.*Conductor nominal cross-sectional area		导体中单线最大直径 mm The maximum diameter of a single line in a conductor	绝缘厚度规定值 mm Specified value of insulation thickness	护套厚度规定值 mm Specified value of sheath thickness			平均外径 mm Average outside diameter		20℃时导体电阻最大值 Ω/km Max. conductor resistance at 20℃	
				单层 Single layer	单层 Two layer		下限 Lower limit	上限 Upper limit	铜芯 Copper core	镀锡铜芯 Tined copper core
					内层 Inner layer	外层 Outer layer				
2×35		0.41	1.4	3.9	1.5	2.4	27.3	34.6	0.554	0.565
2×50		0.41	1.6	4.3	1.7	2.6	31.8	40.1	0.386	0.393
2×70		0.51	1.6	4.6	1.8	2.8	35.8	45.1	0.272	0.277
2×95		0.51	1.8	5.0	2.0	3.0	40.2	51.0	0.206	0.210
3×120		0.51	1.8	5.6	2.2	3.4	47.3	60.0	0.161	0.164
3×150		0.51	2.0	6.0	2.4	3.6	52.0	66.0	0.129	0.132
五芯[a] (四大一小) Five core (Four big and one small)	3×2.5+1×1.5	0.26/0.26	0.9/0.8	1.8	-	-	11.5	14.7	7.98	8.21
	3×4+1×2.5	0.31/0.26	1.0/0.9	2.0	-	-	13.6	17.3	4.95	5.09
	3×6+1×4	0.31/0.31	1.0/1.0	2.2	-	-	15.2	19.4	3.30	3.39
	3×10+1×6	0.41/0.31	1.2/1.0	3.3	-	-	19.9	25.3	1.91	1.95
	3×16+1×6	0.41/0.31	1.2/1.0	3.5	1.4	2.1	22.2	28.1	1.21	1.24
	3×25+1×10	0.41/0.41	1.4/1.2	3.9	1.6	2.3	26.9	34.0	0.780	0.795
	3×35+1×10	0.41/0.41	1.4/1.2	4.1	1.6	2.5	29.5	37.3	0.554	0.565
	3×50+1×16	0.41/0.41	1.6/1.2	4.5	1.8	2.7	34.2	43.2	0.386	0.393
	3×70+1×25	0.51/0.41	1.6/1.4	4.9	2.0	2.9	39.2	49.4	0.272	0.277
	3×95+1×35	0.51/0.41	1.7/1.4	5.3	2.1	3.2	44.0	55.4	0.206	0.210
	3×120+1×35	0.51/0.41	1.8/1.4	5.6	2.2	3.4	47.6	60.0	0.161	0.164
	3×150+1×50	0.51/0.41	2.0/1.6	6.1	2.4	3.7	53.0	67.0	0.129	0.132
5×35		0.41	1.4	4.6	1.8	2.8	35.7	45.1	0.554	0.565
5×50		0.41	1.6	5.1	2.0	3.1	41.6	52.0	0.386	0.393
5×70		0.51	1.6	5.5	2.2	3.3	47.1	59.0	0.272	0.277

Table11 YCW重型450/750 V橡套软电缆（续） YCW 450/750V heavy rubber insulated flexible cable （sequel)

芯数×导体标称截面积mm² Core No.*Conductor nominal cross-sectional area		导体中单线最大直径 mm The maximum diameter of a single line in a conductor	绝缘厚度规定值 mm Specified value of insulation thickness	护套厚度规定值 mm Specified value of sheath thickness			平均外径 mm Average outside diameter		20℃时导体电阻最大值 Ω/km Max. conductor resistance at 20℃	
				单层 Single layer	单层 Two layer		下限 Lower limit	上限 Upper limit	铜芯 Copper core	镀锡铜芯 Tined copper core
					内层 Inner layer	外层 Outer layer				
5×95		0.51	1.8	6.1	2.4	3.7	53.0	67.0	0.206	0.210
5×120		0.51	1.8	6.6	2.6	4.0	59.0	74.0	0.161	0.164
5×150		0.51	2.0	7.1	2.8	4.3	65.0	81.0	0.129	0.132
五芯[a] (三大二小) Five core (Three big and two small)	3×2.5+1×1.5	0.26/0.26	0.9/0.8	1.9	-	-	12.4	15.9	7.98	8.21
	3×4+2×2.5	0.31/0.26	1.0/0.9	2.2	-	-	14.8	18.9	4.95	5.09
	3×6+2×4	0.31/0.31	1.0/1.0	2.4	-	-	16.7	21.3	3.30	3.39
	3×10+2×6	0.41/0.31	1.2/1.0	3.4	-	-	21.2	26.9	1.91	1.95
	3×16+2×6	0.41/0.31	1.2/1.0	3.6	1.4	2.2	23.3	29.5	1.21	1.24
	3×25+2×10	0.41/0.41	1.4/1.2	4.0	1.6	2.4	28.2	35.6	0.780	0.795
	3×35+2×10	0.41/0.41	1.4/1.2	4.2	1.6	2.5	30.6	38.7	0.554	0.565
	3×50+2×16	0.41/0.41	1.6/1.2	4.6	1.8	2.8	35.5	44.7	0.386	0.393
	3×70+2×25	0.51/0.41	1.6/1.4	5.0	2.0	3.0	40.9	52.0	0.272	0.277
	3×95+2×35	0.51/0.41	1.7/1.4	5.5	2.2	3.3	46.2	58.0	0.206	0.210
	3×120+2×35	0.51/0.41	1.8/1.4	5.8	2.3	3.5	49.4	62.0	0.161	0.164
	3×150+2×50	0.51/0.41	2.0/1.6	6.3	2.5	3.8	55.0	70.0	0.129	0.132
五芯[a] (四大一小) Five core (Four big and one small)	4×2.5+1×1.5	0.26/0.26	0.9/0.8	2.0	-	-	12.9	16.5	7.98	8.21
	4×4+1×2.5	0.31/0.26	1.0/0.9	2.2	-	-	15.2	19.4	4.95	5.09
	4×6+1×4	0.31/0.31	1.0/1.0	2.4	-	-	17.0	21.6	3.30	3.39
	4×10+1×6	0.41/0.31	1.2/1.0	3.5	-	-	22.1	28.0	1.91	1.95
	4×16+1×6	0.41/0.31	1.2/1.0	3.7	1.5	2.2	24.7	31.3	1.21	1.24
	4×25+1×10	0.41/0.41	1.4/1.2	4.2	1.7	2.5	30.1	38.0	0.780	0.795
	4×35+1×10	0.41/0.41	1.4/1.2	4.4	1.8	2.6	33.2	41.9	0.554	0.565
	4×50+1×16	0.41/0.41	1.6/1.2	4.9	2.0	2.9	38.7	48.7	0.386	0.393
	4×70+1×25	0.51/0.41	1.6/1.4	5.3	2.1	3.2	44.1	56.0	0.272	0.277
	4×95+1×35	0.51/0.41	1.8/1.4	5.8	2.3	3.5	49.7	63.0	0.206	0.210
	4×120+1×35	0.51/0.41	1.8/1.4	6.2	2.5	3.7	54.0	68.0	0.161	0.164
	4×150+1×50	0.51/0.41	2.0/1.6	6.7	2.7	4.0	60.0	75.0	0.129	0.132

注：四芯（三大一小）、五芯（三大二小）和五芯（四大一小）结构中小芯的直流电阻值与同型号相应截面积主线芯相同。

[a]四芯（三大一小）、五芯（三大二小）和五芯（四大一小）结构中导体电阻为主线芯导体电阻。

Note:In the 4 core (3 large and one small), 5 core (3 big 1 small) and 5 core (4 large 1 small) structure, the DC resistance of the small core is the same as that of the main core of the same section area type.

[a] In the 4 core (3 big and 1 small) 5 core (3 big and 2 small) and 5 core (4 big and 1 small), the Conductor resistance is the master core conductor resistance.

六、交货长度

1、根据双方协议允许任何长度的电缆交货，长度误差为±0.5%；

2、用户对产品有阻燃特性要求，在合同中需另补充协议。

Delivery Length

1.According to the agreement between the two parties, any length of cable can be delivered with a length error of ±0.5%.

2.The additional agreement should be added according to customer’s requirements on flame retardant performance.