

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/T5013-2008 , JB/T8735-2016.

Executive standard

GB/T5013-2008,JB/T8735-206.

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 type and 450/750V for YC 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 General type rubber sheath flexible cable	用于各种移动电器设备和工具 For various 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 Flexible wire with Common type chloroprene (Or other equivalent synthetic elastomers)rubber sheath	用于各种移动电器设备和工具 For various mobile electric devices and tools
YZ YZW	中型橡套软电缆 Medium type rubber flexible cable	用于各种移动电器设备和工具 For various 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 Flexible cable with heavy type chloroprene (Or other equivalent synthetic elastomers)rubber sheath	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 flexible 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mm ² Nominal cross section area
YZ、YZW	300/500	2,3,4,5	0.75~2.5
YC、YCW	450/750	1	1.5~240
		2	1~25
		3	1~95
		4	1~150
		5	1~25

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	导体结构 Conductor structure	20℃导体电阻≤Ω/km Conductor resistance at 20℃	电缆外径参考 Cable OD for reference			
	根/单线直径 Pieces / diameter of single piece		2芯 2cores	3芯 3cores	4芯 4cores	5芯 5cores
0.75	24 / 0.20	26.0	5.7~7.4	6.2~8.1	6.8~8.8	7.6~9.9
1.0	32 / 0.20	19.5	6.1~8.0	6.5~8.5	7.1~9.3	8.0~10.3
1.5	30 / 0.25	13.3	7.6~9.8	8.0~10.4	9.0~11.6	9.8~12.7
2.5	49 / 0.25	7.98	9.0~11.6	9.6~12.4	10.7~13.8	11.9~15.3

Table 4 YZ YZW

标称截面mm² Nominal cross section area	导体结构 Conductor structure	20℃导体电阻≤Ω/km Conductor resistance at 20℃	电缆外径参考 Cable OD for reference			
	根/单线直径 Pieces / diameter of single piece		2芯 2cores	3芯 3cores	4芯 4cores	5芯 5cores
0.75	24 / 0.20	26.0	5.7~7.4	6.2~8.1	6.8~8.8	7.6~9.9
1.0	32 / 0.20	19.5	6.1~8.0	6.5~8.5	7.1~9.3	8.0~10.3
1.5	30 / 0.25	13.3	7.6~9.8	8.0~10.4	9.0~11.6	9.8~12.7
2.5	49 / 0.25	7.98	9.0~11.6	9.6~12.4	10.7~13.8	11.9~15.3

Table 5 60245 IEC 66(YCW)

标称截面mm² Nominal cross section area	导体结构 Conductor structure	20℃导体电阻≤Ω/km Conductor resistance at 20℃	电缆外径参考 Cable OD for reference				
	根/单线直径 Pieces / diameter of single piece		1芯 1cores	2芯 2cores	3芯 3cores	4芯 4cores	5芯 5cores
1.0	32/0.20	19.5	—	7.7~10.0	8.3~10.7	9.2~11.9	10.2~13.1
1.5	30/0.25	13.3	5.7~7.1	8.5~11.0	9.2~11.9	10.2~13.1	11.2~14.4
2.5	49/0.25	7.98	6.3~7.9	10.2~13.1	10.9~14.0	12.1~15.5	13.3~17.0
4	81/0.25	4.95	7.2~9.0	11.8~15.1	12.7~16.2	14.0~17.9	15.6~19.9
6	122/0.25	3.30	7.9~9.8	13.1~16.8	14.1~18.0	15.7~20.0	17.5~22.2
10	77/0.41	1.91	9.5~11.9	17.7~22.6	19.1~24.2	20.9~26.5	22.9~29.1
16	119/0.41	1.21	10.8~13.4	20.2~25.7	21.8~27.6	23.8~30.1	26.4~33.3
25	189/0.41	0.780	12.7~15.8	24.3~30.7	26.1~33.0	28.9~36.6	32.0~40.4
35	265/0.41	0.554	14.3~17.9	—	29.3~37.1	32.5~41.1	—
50	379/0.41	0.368	16.5~20.6	—	34.1~42.9	37.7~47.5	—
70	530/0.41	0.272	18.6~23.3	—	38.4~48.3	42.7~54.0	—
95	437/0.52	0.206	20.8~26.0	—	43.3~54.0	48.4~61.0	—
120	551/0.52	0.161	22.8~28.6	—	—	53.0~66.0	—
150	696/0.52	0.129	25.2~31.4	—	—	58.0~73.0	—
185	851/0.52	0.106	27.6~34.4	—	—	—	—
240	1073/0.52	0.0801	30.6~38.3	—	—	—	—

Table 6 YZ、YZW中型300/500 V橡胶软电缆

芯数×导体标称 截面积mm ² 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 mm 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℃	
				下限 Lower limit	上限 Upper limit	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	10.6	15.1	3.30	3.39
3×4	0.31	1.0	1.2	10.6	14.5	4.95	5.09
3×6	0.31	1.0	1.3	10.6	16.1	3.30	3.39
4×4	0.31	1.0	1.3	10.6	16.2	4.95	5.09
4×6	0.31	1.0	1.4	10.6	17.9	3.30	3.39
四芯 ^a (三大一小) Four core (three big and one small)	3×1.5+1×1	0.26/0.21	0.8/0.6	1.1	10.6	11.2	13.3
	3×2.5+1×1.5	0.26/0.26	0.9/0.8	1.2	10.6	13.3	7.98
	3×4+1×2.5	0.31/0.26	1.0/0.9	1.3	10.6	15.7	4.95
	3×6+1×4	0.31/0.31	1.0/1.0	1.4	10.6	17.5	3.30
五芯 Five core	5×4	0.31	1.0	1.4	10.6	17.9	4.95
	5×6	0.31	1.0	1.6	10.6	20.0	3.30
五芯 ^a (三大二小) Five core (three big and two small)	3×1.5+2×1	0.26/0.21	0.8/0.6	1.1	10.6	11.8	13.3
	3×2.5+2×1.5	0.26/0.26	0.9/0.8	1.2	10.6	14.2	7.98
	3×4+2×2.5	0.31/0.26	1.0/0.9	1.4	10.6	17.0	4.95
	3×6+2×4	0.31/0.31	1.0/1.0	1.5	10.6	19.2	3.30
五芯 ^a (四大一小) Five core (four big and one small)	4×1.5+1×1	0.26/0.21	0.8/0.6	1.1	10.6	12.3	13.3
	4×2.5+1×1.5	0.26/0.26	0.9/0.8	1.2	10.6	14.6	7.98
	4×4+1×2.5	0.31/0.26	1.0/0.9	1.4	10.6	17.5	4.95
	4×6+1×4	0.31/0.31	1.0/1.0	1.5	10.6	19.5	3.30
六芯 Six core	6×0.75	0.21	0.6	1.0	10.6	10.7	26.0
	6×1	0.21	0.6	1.1	10.6	11.5	19.5
	6×1.5	0.26	0.8	1.2	10.6	14.0	13.3
	6×2.5	0.26	0.9	1.4	10.6	16.9	7.98
	6×4	0.31	1.0	1.5	10.6	19.8	4.95
	6×6	0.31	1.0	1.7	10.6	22.1	3.30

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。

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 7 YC重型450/750 V橡套软电缆

芯数×导体标称 截面积mm ² 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	双层 Two layer		下限 Lower limit	上限 Upper limit	铜芯 Copper core	镀锡铜芯 Tinned copper core
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	0.080 1	0.081 7
1×300	0.51	2.6	3.6	-	-	33.5	41.9	0.061 1	0.065 4
1×400	0.51	2.8	3.8	-	-	37.4	46.8	0.048 6	0.049 5
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
2×4	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 8 YC重型450/750 V橡套软电缆 (续)

芯数×导体标称 截面积mm ² 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	双层 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	-	-	14.1	18.0	3.30	3.39
3×10		0.41	1.2	3.3	-	-	19.1	24.2	1.94	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
4×4		0.31	1.0	2.0	-	-	14.0	17.9	4.95	5.09
4×6		0.31	1.0	2.3	-	-	15.7	20.0	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
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	1.0/1.0	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	1.8/1.4	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 9 YC重型450/750 V橡套软电缆 (续)

芯数×导体标称 截面积mm ² 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	双层 Two layer		下限 Lower limit	上限 Upper limit	铜芯 Copper core	镀锡铜芯 Tinned copper core
	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	7.989	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	-	-	26.7	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	0.277
	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	-	-	22.1	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

Table 9 YC重型450/750 V橡套软电缆 (续)

芯数×导体标称 截面mm ² 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	双层 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 (四大一小) Five core (four big and one 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。

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

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	双层 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	51.1	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

Table 10 YCW重型450/750 V橡套软电缆 (续)

芯数×导体标称 截面积mm ² 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	双层 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。

In the 4 core (3 large and 1 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、交货要求

- 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.