## Product Specification



Part No.:		Color	r i i i i i i i i i i i i i i i i i i i	
		Insulation		
		1.Black 2.Red		
Cross Section	n	Jacket		
		per request		
	Jacket	Electrical Characteristics:	ance	
		Max. Conductor DC Resistance at 20°C ( $\Omega$ /km)		8.0
	Cores	Dielectric Strength(AC kV)(50HZ)		2.0kv 5min
	//	Min. Insulation DC Resistance(Mohms*km)		0.009(70+/-2°C)
		Mechanical Characteristics:		
Marking		Test Object	Insulation	Jacket
	2	Test Material	PVC	PVC
CCC A001630 GB/T5023 60227 IEC 53 (RVV) 300/5 百通赫思曼工业(苏州)有限公司	500V 2 X2.5mm <sup>2</sup>	Before Tensile Strength (Mpa) Aging Elongation (%)	$\geq 10$ $\geq 150$	$\geq 10$ $\geq 150$
コ迪咖心文工业(ルトフロリア月阪公り		Aging Elongation (%) Aging Condition ( $^{\circ}$ C)	$\leq 150$ $80\pm 2^{\circ}CX1$	
Description		After Tensile Strength (Mpa)	±20	±20
Rated Voltage (V) Rated Temperature ( <sup>0</sup> C)	300/500	Aging Elongation (%)	±20	±20
Product Standard Certification	70 CQC			
GB5023.5				
3B5023.5 Construction				
GB5023.5 Construction 4 Core Conductor	Stranded Bare Copper			
GB5023.5 Construction Core Cross-secton(mm <sup>2</sup> )	Stranded Bare Copper 2.50			
3B5023.5 Construction Conductor Cross-secton(mm <sup>2</sup> ) Construction(mm)	<b>Stranded Bare Copper</b> 2.50 47/0.25			
GB5023.5 Construction Conductor Cross-secton(mm <sup>2</sup> ) Construction(mm) insulation	Stranded Bare Copper 2.50			
3B5023.5 Construction Conductor Cross-secton(mm <sup>2</sup> ) Construction(mm) insulation Min. Thickness (mm) Nom. Thickness (mm)	<b>Stranded Bare Copper</b> 2.50 47/0.25 <b>PVC</b> 0.60 0.80			
3B5023.5 Construction Conductor Cross-secton(mm <sup>2</sup> ) Construction(mm) insulation Min. Thickness (mm) Nom. Thickness (mm) nsulation Dia. (±0.12mm)	Stranded Bare Copper 2.50 47/0.25 PVC 0.60 0.80 3.6			
3B5023.5 Construction Conductor Cross-secton(mm <sup>2</sup> ) Construction(mm) insulation Min. Thickness (mm) Nom. Thickness (mm) nsulation Dia. (±0.12mm) Assembly	<b>Stranded Bare Copper</b> 2.50 47/0.25 <b>PVC</b> 0.60 0.80			
BB5023.5 Construction Conductor Cross-secton(mm <sup>2</sup> ) Construction(mm) insulation Min. Thickness (mm) Nom. Thickness (mm) nsulation Dia. (±0.12mm) Assembly Direction Macket	Stranded Bare Copper 2.50 47/0.25 PVC 0.60 0.80 3.6 2C S PVC			
GB5023.5 Construction Conductor Cross-secton(mm <sup>2</sup> ) Construction(mm) insulation Min. Thickness (mm) Nom. Thickness (mm) insulation Dia. (±0.12mm) Assembly Direction Vacket Min. Thickness (mm)	Stranded Bare Copper 2.50 47/0.25 PVC 0.60 0.80 3.6 2C S PVC 0.75			
GB5023.5 Construction 4 Core Conductor Cross-secton(mm <sup>2</sup> ) Construction(mm) Insulation Min. Thickness (mm) (nsulation Dia. (±0.12mm) Assembly Direction Jacket Min. Thickness (mm) Nom. Thickness (mm)	Stranded Bare Copper 2.50 47/0.25 PVC 0.60 0.80 3.6 2C S PVC	Sample Re	ecord	
GB5023.5 Construction Conductor Cross-secton(mm <sup>2</sup> ) Construction(mm) insulation Min. Thickness (mm) insulation Dia. (±0.12mm) Assembly Direction Vacket Min. Thickness (mm) Nom. Thickness (mm) Nom. Thickness (mm)	Stranded Bare Copper 2.50 47/0.25 <b>PVC</b> 0.60 0.80 3.6 <b>2C</b> S <b>PVC</b> 0.75 1.0	Sample No. :		
GB5023.5 Construction Conductor Cross-secton(mm <sup>2</sup> ) Construction(mm) insulation Min. Thickness (mm) insulation Dia. (±0.12mm) Assembly Direction Vacket Min. Thickness (mm) Nom. Thickness (mm) Nom. Thickness (mm)	Stranded Bare Copper 2.50 47/0.25 <b>PVC</b> 0.60 0.80 3.6 <b>2C</b> S <b>PVC</b> 0.75 1.0	Sample No. : Original spec no.:SZ-CI-3210	Rev.: 0	
GB5023.5 Construction 4 Core Conductor Cross-secton(mm <sup>2</sup> ) Construction(mm) Insulation Min. Thickness (mm) (nsulation Dia. (±0.12mm) Assembly Direction Jacket Min. Thickness (mm) Nom. Thickness (mm)	Stranded Bare Copper 2.50 47/0.25 <b>PVC</b> 0.60 0.80 3.6 <b>2C</b> S <b>PVC</b> 0.75 1.0	Sample No. : Original spec no.:SZ-CI-3210 Ref. spec No. :	Rev.: 0 Rev.:	
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Reference Standard GB5023.5 Construction 4 Core Conductor Cross-secton(mm <sup>2</sup> ) Construction(mm) Insulation Min. Thickness (mm) Nom. Thickness (mm) Direction Jacket Min. Thickness (mm) Nom. Thickness (mm) Dia. (±0.30mm)	Stranded Bare Copper 2.50 47/0.25 <b>PVC</b> 0.60 0.80 3.6 <b>2C</b> S <b>PVC</b> 0.75 1.0	Sample No. : Original spec no.:SZ-CI-3210 Ref. spec No. :	Rev.: 0 Rev.:	
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