

Product Category	Type List			Thermal Class	Wire Range (mm)	UL Certificate		Character	Main Application	
	NEMA Type	JIS Type	IEC Type			ANSI Type	TI(°C)			
R o u n d  W i r e	Polyimide enameled round copper wire	JDMW16C	PIW	QY-*/240	≥240℃	0.30-1.50mm	MW16C	240	• Best heat resistance	1.Aerospace, National defense and Military Industry
									• Good chemical performance	2.Fire flue fan
									• Insulation has good mechanical strength	3.Automotive motor
	Polyamide-imide enameled round copper wire	JDMW81C	AIW	QXY-*/220	≥220℃	0.20-1.80mm	MW81C	220	• Good heat resistance	1.National defense and military industry, high-speed railways
									• Insulation has good mechanical strength	2.Air conditioning compressors, power tools
										3.Automotive motor
	200-grade composite enameled round copper wire	JDMW35C	EI/AIW	Q(ZY/XY)-*/200	≥200℃	0.08-4.50mm	MW35C MW73C	200	• Good refrigerant resistance	1.Compressors
		JDMW73C							• Stable heat resistance	2.Power tools
									• Insulation has good mechanical strength	3.Automotive motor, pumps
	Polyester-imide enameled round copper wire	JDMW30C	EIW	QZY-*/180	≥180℃	0.08-4.50mm	MW30C	180	• Good heat resistance	1.Induction cooker coils
									• Common chemical performance	2.Washing machines, vacuum cleaners
										3.Automotive motor, pumps
Polyester enameled round copper wire	JDMW5C		QZ-*/155	≥155℃	0.08-4.50mm	MW5C	155	• Stable heat resistance	1.Ordinary household motor coils	
								• Good friction resistance	2.Transformer coils	
									3.Magnetic coils	
Corona-resistant polyamide-imide enameled round copper wire			BP-*/220	≥220℃	0.30-3.00mm	@	220	• Good resistance for high frequency	1.New energy vehicle drive motors	
								• Good chemical performance		
Corona-resistant composite enameled round copper wire			Q(ZY/XY)BP-*/200	≥200℃	0.30-3.00mm	@	200	• Good resistance for high frequency	1.New energy vehicles	
								• Good chemical performance	2.Wind power generation, pumps	
									3.Industrial variable frequency motors	
Polyurethane enameled round copper wire with solderability	JDMW79C	*UEW	QA-*/155	≥155℃	0.10-0.80mm	MW79C	155	• Excellent solderability	1.Small motor coils	
	JDMW82C		QA-*/180	≥180℃		MW82C	180		2.Magnetic coils	
Self-bonding enameled round copper wire		SBEIAIW	Q(ZY/XY)N-*/B/200	≥200℃	0.30-1.6mm	MW102C	200	• Wire bonded together with heating or solvent affect	1.Automotive motor	
								• Excellent chemical performance	2.power tools	
								• Insulation has good mechanical strength	3.Motor coils	

F l a t w i r e	Polyurethane enameled flat copper wire			QAB-*/180	≥180℃	≤4mm <sup>2</sup>	@	180	• Excellent solderability	1.Inductance
	Polyester-imide and polyamide-imide enameled flat copper wire			Q(ZY/XY)B-*/200	≥200℃	≤20mm <sup>2</sup>	MW36-C	200	• Stable heat resistance • Insulation has good mechanical strength	1.New energy vehicle drive motors
	Polyamide-imide enameled flat copper wire			QXYB-*/220	≥220℃	≤20mm <sup>2</sup>	MW84-C	220	• Good heat resistance • Insulation has good mechanical strength	1.New energy vehicle drive motors
	Polyimide enameled flat copper wire			QYB-*/240	≥240℃	≤20mm <sup>2</sup>	MW20-C	240	• Best heat resistance • Insulation has good mechanical strength	1.New energy vehicle drive motors
	Corona-resistant polyamide-imide enameled flat copper wire			QXYB-BP-*/220	≥220℃	≤20mm <sup>2</sup>	@	220	• Good heat resistance • Good resistance for high frequency	1.New energy vehicle drive motors
	Corona-resistant polyimide enameled flat copper wire			QYB-BP-*/240	≥240℃	≤20mm <sup>2</sup>	@	240	• Best heat resistance • Good resistance for high frequency	1.New energy vehicle drive motors