

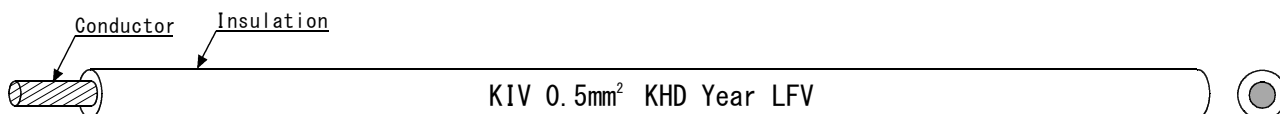
# 600V Polyvinyl Chloride Insulated Wires for Electrical Apparatus



RoHS

Application : Wiring of and lead wire for electric equipment operated at 600 V AC Max.  
 Features : Oilproof, waterproof, heatproof, flexible and processible.

## 《K I V 0.5mm<sup>2</sup>》 Polyvinyl Chloride Insulated Wire for Electrical Apparatus 0.5mm<sup>2</sup>



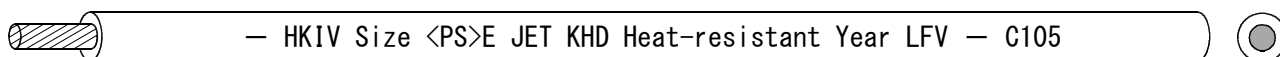
## 《K I V》 Polyvinyl Chloride Insulated Wire for Electrical Apparatus



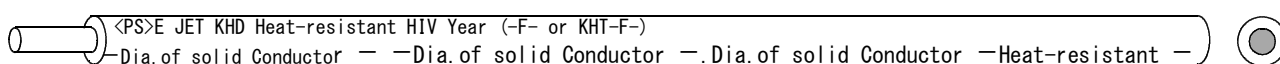
cf. : Green with Yellow Line  
 Yellow with Green Line



## 《H K I V》 Heat-resistant Polyvinyl Chloride Insulated Wire for Electrical Apparatus



## 《H I V》 Heat-resistant Polyvinyl Chloride Insulated Wire for Electrical Apparatus (Tin Coated Copper Wire With Heat-resistant Polyvinyl Chloride Insulation)



Type	Standards	Compliant	Rated Voltage	Rated Temperature	Burning Characteristics	Conductor	Insulation Material
KIV	JIS C 3316	RoHS	600V	60°C	60° angle from the horizontal position flame test	Stranded Bare Copper Wire	Lead-free PVC
HKIV	<PS>E			75°C (105°C for Appliance)			
HIV	<PS>E			75°C (105°C for Appliance)	Vertical flame test	Tin Coated Copper Wire	

Type	Conductor			Insulation		Conductor Resistance (20°C) Ω/km Max.	Mass Approx. kg/km	Nom. Length m
	Size mm <sup>2</sup>	Strands/Dia. Num./mm A	Nom. Dia. mm	Nom. Thickness mm	Nom. Dia. mm			
KIV	0.5	20/0.18	0.9	0.8	2.5	36.70	10.9	200
	0.75	30/0.18	1.1	0.8	2.7	24.40	14.0	200
	1.25	50/0.18	1.5	0.8	3.1	14.70	20.2	200
	2.0	37/0.26	1.8	0.8	3.4	9.50	27.6	200
	3.5	45/0.32	2.5	0.8	4.1	5.09	45.5	100
	5.5	70/0.32	3.1	1.0	5.1	3.27	70.3	100
	8.0	50/0.45	3.7	1.2	6.1	2.32	100.2	100
HKIV	14.0	88/0.45	4.9	1.4	7.7	1.32	169.6	100
	0.75	30/0.18	1.1	0.8	2.7	24.40	14.0	500
	1.25	50/0.18	1.5	0.8	3.1	14.70	20.2	200
	2.0	37/0.26	1.8	0.8	3.4	9.50	27.6	200
	3.5	45/0.32	2.5	0.8	4.1	5.09	45.5	100
	5.5	70/0.32	3.1	1.0	5.1	3.27	70.3	100
	8.0	50/0.45	3.7	1.2	6.1	2.32	100.2	100

Type	Conductor		Insulation		Conductor Resistance (20°C) Ω/km Max	Mass Approx. kg/km	Nom. Length m
	Strands/Dia. Num./mm	Nom. Dia. mm	Nom. Thickness mm	Nom. Dia. mm			
HIV	1/0.8 TA	0.8	0.8	2.4	37.2	10.3	500
	1/1.0 TA	1.0	0.8	2.6	23.8	13.6	500