

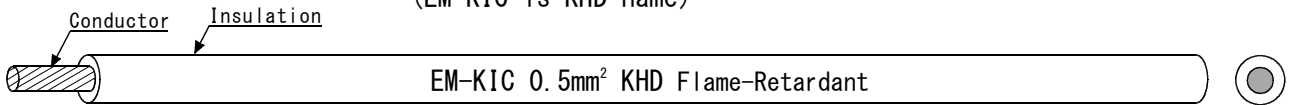
600V Cross-Linked PE-Insulated Wires



RoHS

Application : Internal wiring of electronic and communication apparatus with rating 600V AC Max.
 Features : Highly flexible and processible (HB is High-Temp Solder Resistant)

eco 《EM-KIC 0.5mm²》 Flame Retardant Cross-Linked Polyethylene-Insulated Wire
 (EM-KIC is KHD name)

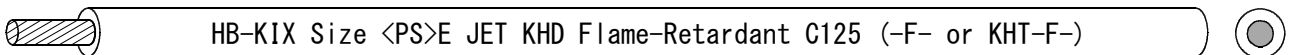


eco 《EM-KIC 0.75mm²~8mm²》 Flame Retardant Cross-Linked Polyethylene-Insulated Wire
 (3.5mm² Min. does not mark size) (EM-KIC is KHD name)



High-Beam wire

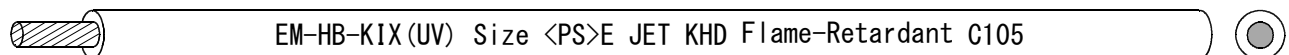
《HB-KIX》 Flame-Retardant Irradiated Cross-Linked Polyethylene-Insulated Wire
 (HB-KIX is KHD name)



High-Beam wire

eco

《EM-HB-KIX(UV)》 Ultraviolet rays-Retardant Flame-Retardant Irradiated XLPE-Insulated Wire
 (HB-KIX(UV) is KHD name)



Type	Standards	Compliant	Rated Voltage	Rated Temperature	Burning Characteristics	Insulation Material
EM-KIC 0.5mm ²	KHD specifications	Halogen-free RoHS	600V	90°C	60° angle from the horizontal position flame test	Flame-Retardance XLPE
EM-KIC	<PS>E	Halogen-free RoHS				
HB-KIX	<PS>E	RoHS		125°C	Vertical flame test	Flame-Retardance Irradiated XLPE
EM-HB-KIX(UV)		Halogen-free RoHS		105°C	60° angle from the horizontal position flame test	

Type	Conductor			Insulation		Conductor Resistance (20°C) Ω/km MAX.	Mass Approx. kg/km	Nom. Length m
	Size mm ²	Strands/Dia. Num./mm A	Nom. Dia. mm	Nom. Thick. mm	Nom. Dia. mm			
EM-KIC	0.5	20/0.18	0.9	0.8	2.5	36.70	11	200
	0.75	30/0.18	1.1	0.8	2.7	24.40	14	200
	1.25	50/0.18	1.5	0.8	3.1	14.70	20	200
	2.0	37/0.26	1.8	0.8	3.4	9.50	28	200
	3.5	45/0.32	2.5	0.8	4.1	5.09	46	100
	5.5	70/0.32	3.1	1.0	5.1	3.27	70	100
HB-KIX	8.0	50/0.45	3.7	1.0	5.7	2.32	95	100
	0.75	30/0.18(TA)	1.1	0.8	2.7	25.80	14	500
	1.25	50/0.18(TA)	1.5	0.8	3.1	15.50	20	300
EM-HB-KIX(UV)	2.0	37/0.26(TA)	1.8	0.8	3.4	9.91	28	300
	0.75	30/0.18(TA)	1.1	0.8	2.7	25.80	14	500
	1.25	50/0.18(TA)	1.5	0.8	3.1	15.50	20	300
	2.0	37/0.26(TA)	1.8	0.8	3.4	9.91	28	300