

300V Appliance XLPE Wires

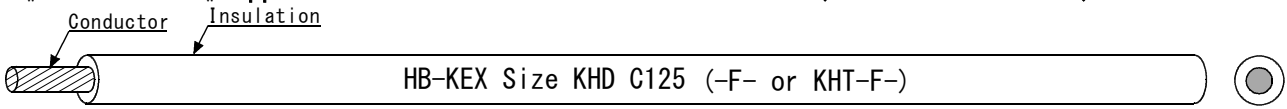
High-Beam wire

RoHS

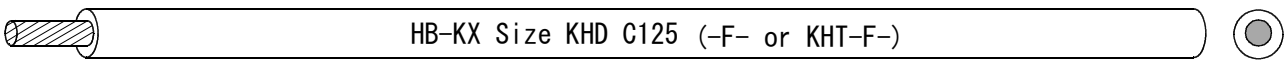
Application: Internal wiring of electronic and communication apparatus.

Features : Highly flexible and processible. Resistant to Soldering temperatures.

《HB-KEX》 Appliance Irradiated Cross-Linked PE Wire (HB-KEX is KHD name)



《HB-KX》 Appliance Irradiated Cross-Linked PE Wire (Thin type) (HB-KEX is KHD name)



| Type | Standards | Compliant | Rated Voltage | Rated Voltage | Burning Characteristics | Conductor | Insulation Material |
|-------------------|-----------|-----------|---------------|---------------|-------------------------|---------------------------------|----------------------------------|
| HB-KEX | KHD Spec. | RoHS | 300V | 125°C | Vertical flame test | Stranded Tin Coated Copper Wire | Flame-Retardance Irradiated XLPE |
| HB-KX (Thin type) | | | | | | | |

| Type | Conductor | | | Insulation | | Conductor Resistance (20°C) Ω/km Max. | Mass Approx. kg/km | Nom. Length m |
|-------------------|----------------------|--------------------------|--------------|----------------|--------------|---------------------------------------|--------------------|---------------|
| | Size mm ² | Strands/Dia. Num. /mm TA | Nom. Dia. mm | Nom. Thick. mm | Nom. Dia. mm | | | |
| HB-KEX | 0.3 | 12/0.18 | 0.70 | 0.40 | 1.5 | 64.40 | 4.9 | 500 |
| | 0.5 | 20/0.18 | 0.90 | 0.50 | 1.9 | 38.60 | 7.9 | 400 |
| | 0.75 | 30/0.18 | 1.10 | 0.50 | 2.1 | 25.80 | 10.7 | 300 |
| | 1.25 | 50/0.18 | 1.50 | 0.60 | 2.7 | 15.50 | 17.5 | 200 |
| | 2.0 | 37/0.26 | 1.80 | 0.60 | 3.0 | 9.91 | 24.7 | 200 |
| HB-KX (Thin type) | 0.2 | 7/0.18 | 0.54 | 0.23 | 1.0 | 111.0 | 2.5 | 1000 |
| | 0.3 | 12/0.18 | 0.70 | 0.30 | 1.3 | 64.40 | 4.3 | 1000 |
| | 0.5 | 20/0.18 | 0.90 | 0.30 | 1.5 | 38.60 | 6.4 | 500 |
| | 0.75 | 30/0.18 | 1.10 | 0.30 | 1.7 | 25.80 | 9.0 | 500 |
| | 1.25 | 50/0.18 | 1.50 | 0.35 | 2.2 | 15.50 | 14.7 | 300 |
| | 2.0 | 37/0.26 | 1.80 | 0.45 | 2.7 | 9.91 | 22.8 | 200 |