

# Jumper Wire Kits

## Multi-color Jumper Wire Kits



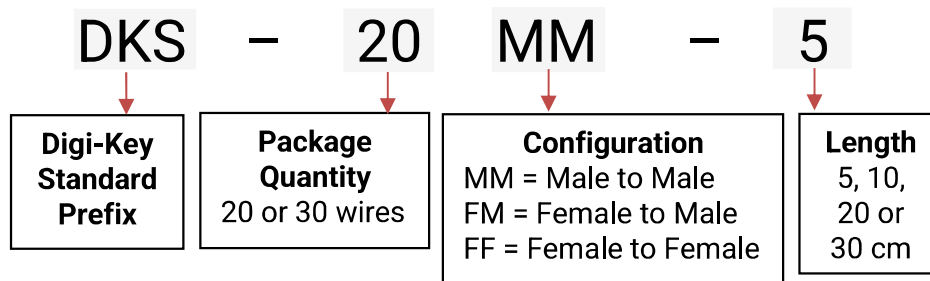
### Product Highlights

- Easy insertion and extraction into solderless breadboards.
- Robust design supports repeat usage and quick design changes.

### Specifications

<b>Length Options:</b>	1.97", 3.94", 7.87" or 11.81" (5cm, 10cm, 20cm, 30cm)
<b>Colors:</b>	Assortment of 10 colors: Red, Orange, Yellow, Green, Blue, Purple, Brown, Black, White, and Gray
<b>Wire:</b>	24awg Stranded
<b>Wire Jacket:</b>	Polyvinyl Chloride (PVC)
<b>Packaging:</b>	Bag of total of 20 or 30 wires

### Part Number Breakdown:



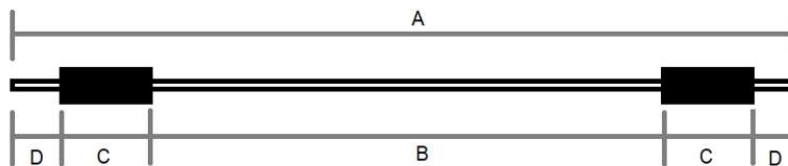
### Available Part Numbers

Part Number	Configuration	Length	Total Wires per Pack	Color
<b>DKS-20MM-5</b>	Male to Male	5 cm	20	2 of each color
<b>DKS-20MM-10</b>	Male to Male	10 cm	20	2 of each color
<b>DKS-20MM-20</b>	Male to Male	20 cm	20	2 of each color
<b>DKS-20MM-30</b>	Male to Male	30 cm	20	2 of each color
<b>DKS-20MF-5</b>	Male to Female	5 cm	20	2 of each color
<b>DKS-20MF-10</b>	Male to Female	10 cm	20	2 of each color
<b>DKS-20MF-20</b>	Male to Female	20 cm	20	2 of each color

<b>DKS-20MF-30</b>	Male to Female	30 cm	20	2 of each color
<b>DKS-20FF-5</b>	Female to Female	5 cm	20	2 of each color
<b>DKS-20FF-10</b>	Female to Female	10 cm	20	2 of each color
<b>DKS-20FF-20</b>	Female to Female	20 cm	20	2 of each color
<b>DKS-20FF-30</b>	Female to Female	30 cm	20	2 of each color
<b>DKS-30MM-5</b>	Male to Male	5 cm	30	3 of each color
<b>DKS-30MM-10</b>	Male to Male	10 cm	30	3 of each color
<b>DKS-30MM-20</b>	Male to Male	20 cm	30	3 of each color
<b>DKS-30MM-30</b>	Male to Male	30 cm	30	3 of each color
<b>DKS-30MF-5</b>	Male to Female	5 cm	30	3 of each color
<b>DKS-30MF-10</b>	Male to Female	10 cm	30	3 of each color
<b>DKS-30MF-20</b>	Male to Female	20 cm	30	3 of each color
<b>DKS-30MF-30</b>	Male to Female	30 cm	30	3 of each color
<b>DKS-30FF-5</b>	Female to Female	5 cm	30	3 of each color
<b>DKS-30FF-10</b>	Female to Female	10 cm	30	3 of each color
<b>DKS-30FF-20</b>	Female to Female	20 cm	30	3 of each color
<b>DKS-30FF-30</b>	Female to Female	30 cm	30	3 of each color

## Dimensions

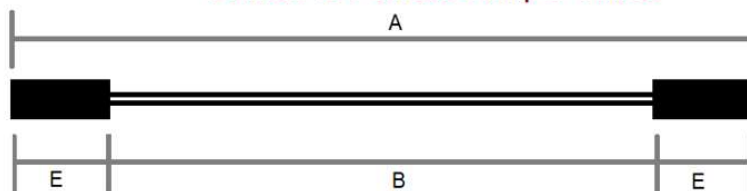
### Male to Male Jumper Wires



### Male to Female Jumper Wires



### Female to Female Jumper Wires



Contact Shape	Shape	Pin Diameter	Dimension C: Heatshrink	Dimension D: Pin Length	Dimension E: Housing Size
<b>Male</b>	Round	0.69mm	15mm	7.25mm	-
<b>Female</b>	Square	-	-	-	2.6mm x 2.6mm

Configuration	Wire Length Pre-Assembly	Dimension A: Total Length*	Dimension B: Length of Visible Colored Wire*
<b>Male to Male</b>	5cm (1.97")	8.5cm	4.0cm
<b>Male to Female</b>		8.1cm	4.5cm
<b>Female to Female</b>		7.8cm	4.8cm
<b>Male to Male</b>	10cm (3.94")	13.6cm	9.0cm
<b>Male to Female</b>		13.2cm	9.5cm
<b>Female to Female</b>		12.8cm	10.0cm
<b>Male to Male</b>	20cm (7.87")	23.6cm	19.1cm
<b>Male to Female</b>		23.2cm	19.6cm
<b>Female to Female</b>		22.3cm	19.9cm
<b>Male to Male</b>	30cm (11.81")	33.3cm	29.1cm
<b>Male to Female</b>		33.0cm	29.5cm
<b>Female to Female</b>		32.5cm	29.8cm

\*Tolerance is approximately +/- 3mm