

# 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
- Ideal for Prototyping and Educational Projects



### Specifications:

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

### Part number breakdown:

DIGIKEY STANDARD PREFIX	-	PACKAGE QUANTITY 20 OR 30 WIRES	CONFIGURATION MM = MALE TO MALE FM = FEMALE TO MALE FF = FEMALE TO FEMALE	-	LENGTH 5, 10, 20 OR 30 CM
DKS	-	20	MM	-	5

## Available part numbers

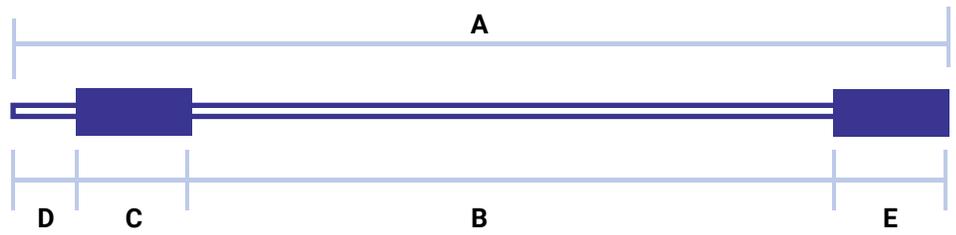
Part Number	Configuration	Length	Total wires per pack	Color
DKS-20MM-5	Male to Male	5 cm	20	2 of each color
DKS-20MM-10	Male to Male	10 cm	20	2 of each color
DKS-20MM-20	Male to Male	20 cm	20	2 of each color
DKS-20MM-30	Male to Male	30 cm	20	2 of each color
DKS-20MF-5	Male to Female	5 cm	20	2 of each color
DKS-20MF-10	Male to Female	10 cm	20	2 of each color
DKS-20MF-20	Male to Female	20 cm	20	2 of each color
DKS-20MF-30	Male to Female	30 cm	20	2 of each color
DKS-20FF-5	Female to Female	5 cm	20	2 of each color
DKS-20FF-10	Female to Female	10 cm	20	2 of each color
DKS-20FF-20	Female to Female	20 cm	20	2 of each color
DKS-20FF-30	Female to Female	30 cm	20	2 of each color
DKS-30MM-5	Male to Male	5 cm	30	3 of each color
DKS-30MM-10	Male to Male	10 cm	30	3 of each color
DKS-30MM-20	Male to Male	20 cm	30	3 of each color
DKS-30MM-30	Male to Male	30 cm	30	3 of each color
DKS-30MF-5	Male to Female	5 cm	30	3 of each color
DKS-30MF-10	Male to Female	10 cm	30	3 of each color
DKS-30MF-20	Male to Female	20 cm	30	3 of each color
DKS-30MF-30	Male to Female	30 cm	30	3 of each color
DKS-30FF-5	Female to Female	5 cm	30	3 of each color
DKS-30FF-10	Female to Female	10 cm	30	3 of each color
DKS-30FF-20	Female to Female	20 cm	30	3 of each color
DKS-30FF-30	Female to Female	30 cm	20	2 of each color

## Dimensions:

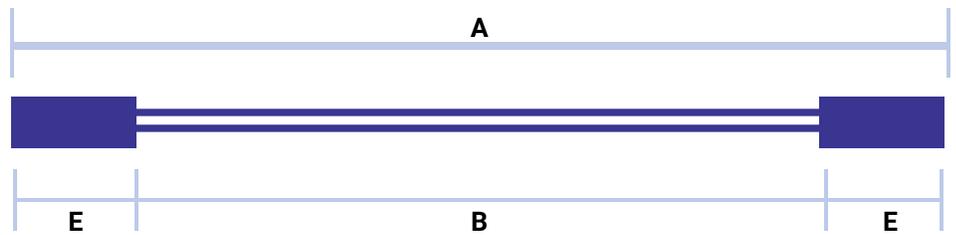
Male to Male Jumper Wires



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
Male	Round	0.69 mm	15 mm	7.25 mm	-
Female	Square	-	-	-	2.6 mm x 2.6 mm

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