

Schmartboard Jumpers

Wire Jumpers are for many distributors, just another commodity line item. Like headers, or resistors, you may feel you have to have them, but everyone sells them and like other commodities, it will come down to price. Jumpers though, are an important piece of a prototype or even a finished product. The quality may be as important as an IC or more costly item.

Imagine the dismay of an engineer, who painstakingly comes to the end of a complex prototype. He successfully sources the main components, creates a design that on paper is perfect, only to test it, have to troubleshoot and after frustrating hours find his issues are due to substandard, loose fitting wire jumpers. Not the way to get repeat customers!



Schmartboard wire jumpers are better than the cheap, mediocre products that are sold by most distributors from obscure Chinese sources. While our products are not as low-priced as these cheap jumpers, we do price our superior products aggressively and with a descent 30% markup for distributors. Professional engineers will continue to use Schmartboard jumpers after they discover the difference. You will receive repeat orders and your customer will love you for the quality.

The pages that follow will give you more data on our products vs. others. If you'd like to get samples or start offering this to your customers, please contact me.

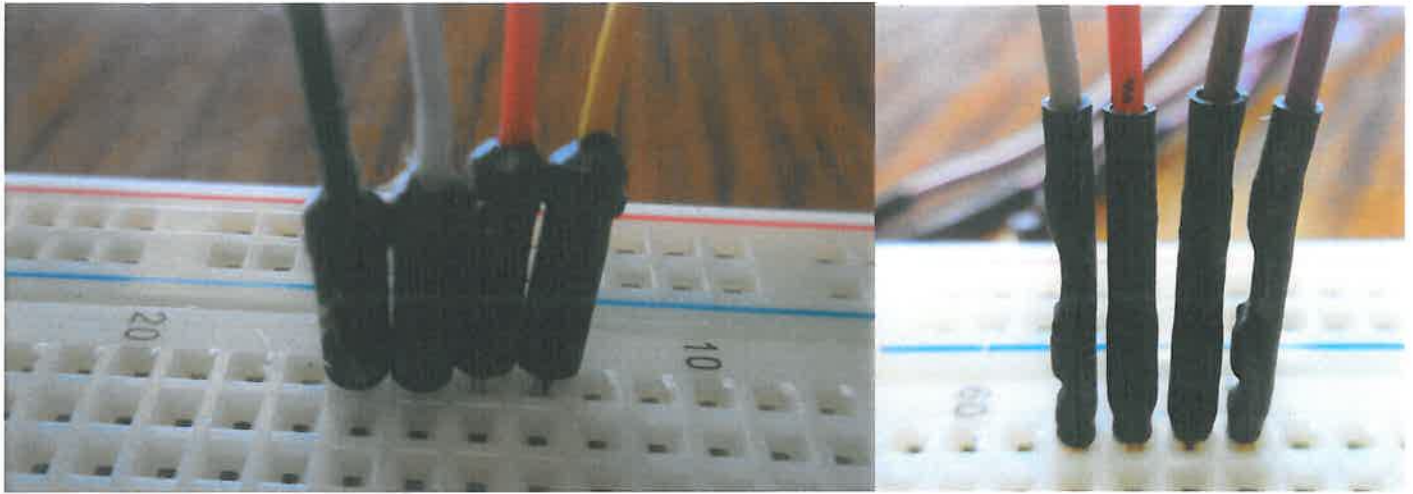
Regards,

Neal Greenberg

neal.greenberg@schmartboard.com

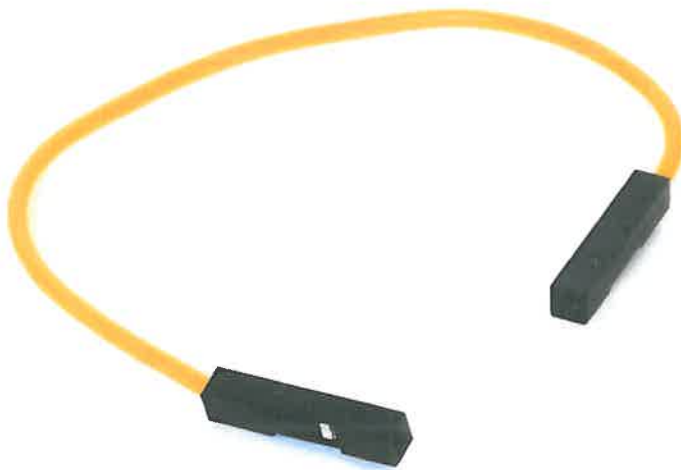
510-744-9900 x13

Schmartboard vs. The Rest



Cheap Male Jumpers – Thick receptacles that are not helpful in tight areas

Schmartboard Male Jumpers – Thinner receptacles that allow for greater flexibility in tighter areas

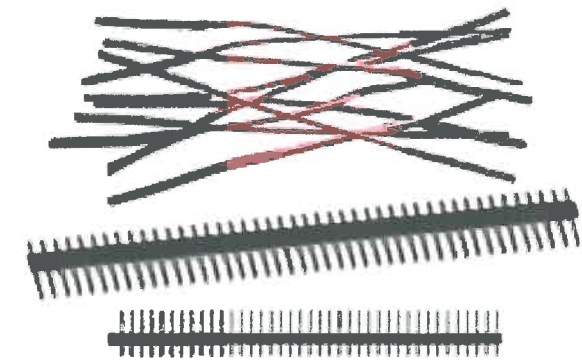


Cheap Female Jumpers – Large receptacles that are loose, and cannot be tightened. They get worse if used multiple times



Schmartboard Female Jumpers – The receptacles are small for tighter places, tight on .1" posts and can be compressed with pliers if needed

Types of Jumpers



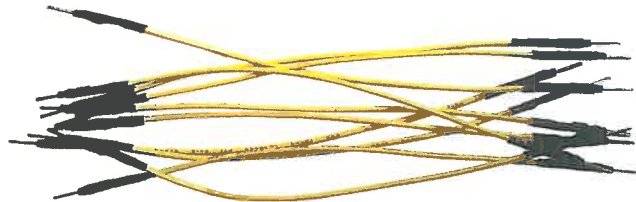
Female Jumpers

Many color and length choices



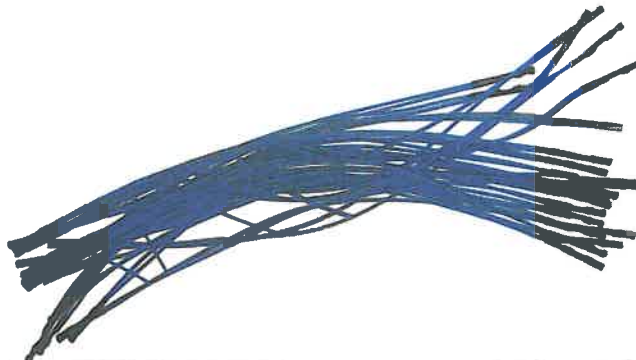
Male to Female Jumpers

Many color and length choices



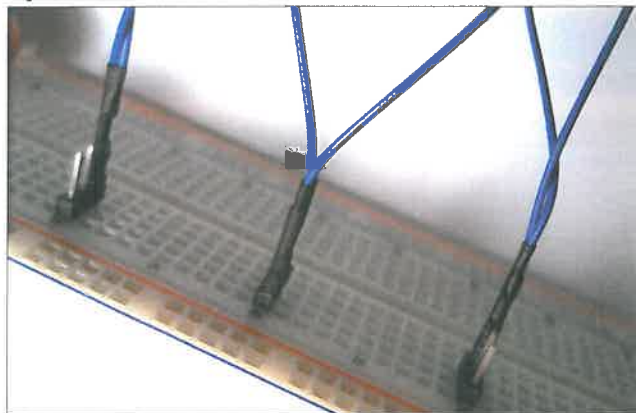
Male Jumpers

Many color and length choices



Specialized, Unique Jumpers

Schmartboard makes a number of specialized jumpers, not available though competitors that have become large volume repeat orders from companies. One example is our Daisy Chained jumpers. Another example is our 2mm to .1" converter jumpers.



Custom Jumpers

We can design to your specifications in volumes as low as 1000 pieces.

Schmartboard Wire Jumpers



Product Number	Description	Retail Price
920-0016-01	Qty. 10 2" Female Jumpers and 20 Headers	\$6.00
920-0017-01	Qty. 100 2" Blue Female Jumpers	\$38.00
920-0005-01	Qty. 10 3" Red Female Jumpers and 20 Headers	\$6.00
920-0161-01	Qty. 10 3" Yellow Female Jumpers and 20 Headers	\$6.00
920-0162-01	Qty. 10 3" Black Female Jumpers and 20 Headers	\$6.00
920-0163-01	Qty. 10 3" White Female Jumpers and 20 Headers	\$6.00
920-0164-01	Qty. 10 3" Blue Female Jumpers and 20 Headers	\$6.00
920-0008-01	Qty. 100 3" Red Female Jumpers	\$38.00
920-0165-01	Qty. 100 3" Yellow Female Jumpers	\$38.00
920-0166-01	Qty. 100 3" Black Female Jumpers	\$38.00
920-0167-01	Qty. 100 3" White Female Jumpers	\$38.00
920-0168-01	Qty. 100 3" Blue Female Jumpers	\$38.00
920-0006-01	Qty. 10 5" Yellow Female Jumpers and 20 Headers	\$6.00
920-0009-01	Qty. 100 5" Yellow Female Jumpers	\$38.00
920-0176-01	Qty. 10 5" Grey Female Jumpers and 40 Headers	\$6.00
920-0177-01	Qty. 100 5" Grey Female Jumpers	\$38.00
920-0178-01	Qty. 10 5" Purple Female Jumpers and 40 Headers	\$6.00
920-0179-01	Qty. 100 5" Purple Female Jumpers	\$38.00
920-0180-01	Qty. 10 5" Black Female Jumpers and 40 Headers	\$6.00
920-0181-01	Qty. 100 5" Black Female Jumpers	\$38.00
920-0182-01	Qty. 10 5" Red Female Jumpers and 40 Headers	\$6.00
920-0183-01	Qty. 100 5" Red Female Jumpers	\$38.00
920-0097-01	Qty. 10 5" Yellow Male Jumpers	\$7.00
920-0098-01	Qty. 100 5" Yellow Male Jumpers	\$45.00
920-0022-01	Qty. 10 5" Purple Male to Female Jumpers and 20 Headers	\$6.00
920-0023-01	Qty. 100 5" Purple Male to Female Jumpers	\$45.00
920-0007-01	Qty. 10 7" Blue Female Jumpers and 20 Headers	\$6.00
920-0010-01	Qty. 100 7" Blue Female Jumpers	\$38.00
920-0104-01	Qty. 10 7" Red Female Jumpers and 40 Headers	\$6.00
920-0108-01	Qty 100 7" Red Female Jumpers	\$38.00
920-0105-01	Qty. 10 7" White Female Jumpers and 40 Headers	\$6.00
920-0109-01	Qty 100 7" White Female Jumpers	\$38.00
920-0106-01	Qty. 10 7" Black Female Jumpers and 40 Headers	\$6.00
920-0110-01	Qty 100 7" Black Female Jumpers	\$38.00
920-0107-01	Qty. 10 7" Yellow Female Jumpers and 40 Headers	\$6.00
920-0111-01	Qty 100 7" Yellow Female Jumpers	\$38.00
920-0204-01	10 Pack 7" Female Green Jumpers with 40 Headers	\$6.00
920-0205-01	100 Pack 7" Female Green Jumpers	\$38.00
920-0206-01	10 Pack 7" Female Brown Jumpers with 40 Headers	\$6.00

920-0207-01	100 Pack 7" Female Brown Jumpers	\$38.00
920-0208-01	10 Pack 7" Female Grey Jumpers with 40 Headers	\$6.00
920-0209-01	100 Pack 7" Female Grey Jumpers	\$38.00
920-0210-01	10 Pack 7" Female Orange Jumpers with 40 Headers	\$6.00
920-0211-01	100 Pack 7" Female Orange Jumpers	\$38.00
920-0212-01	10 Pack 7" Female Purple Jumpers with 40 Headers	
920-0213-01	100 Pack 7" Female Purple Jumpers	
920-0167-50	Qty 10 of Yellow, Blue, Red, Black & White 3" Female Jumpers and 200 Headers	\$25.00
920-0192-50	Qty. 10 of Grey, Purple, Black, Red and Yellow 5" Female Jumpers and 200 Headers	\$25.00
920-0112-50	Qty 10 of Yellow, Blue, Red, Black & White 7" Female Jumpers and 200 Headers	\$25.00
920-0214-50	Qty. 10 of Green, Brown, Grey Orange, and Purple 7" Female Jumpers and 200 Headers	\$30.00
920-0193-50	Qty. 10 of Green, Red, Orange, Brown and Black 9" Female Jumpers and 200 Headers	\$30.00
920-0156-50	Qty 10 of Blue, Brown, White, Gray & Red 7" Male Female Jumpers and 200 Headers	
920-0099-01	Qty. 10 7" Blue Male Jumpers	\$7.00
920-0100-01	Qty. 100 7" Blue Male Jumpers	\$45.00
920-0089-01	Qty. 10 7" Brown Male to Female Jumpers and 40	\$7.00
920-0092-01	Qty. 100 7" Brown Male to Female	\$45.00
920-0147-01	Qty. 10 7" White Male to Female Jumpers and 40	\$7.00
920-0148-01	Qty. 100 7" white Male to Female	\$45.00
920-0149-01	Qty. 10 7" Gray Male to Female Jumpers and 40	\$7.00
920-0150-01	Qty. 100 7" Gray Male to Female	\$45.00
920-0151-01	Qty. 10 7" Red Male to Female Jumpers and 40	\$7.00
920-0152-01	Qty. 100 7" Red Male to Female	\$45.00
920-0153-01	Qty. 10 7" Black Male to Female Jumpers and 40	\$7.00
920-0154-01	Qty. 100 7" Black Male to Female	\$45.00
920-0065-01	Qty. 10 9" Black Female Jumpers and 20 Headers	\$7.00
920-0066-01	Qty. 100 9" Black Female Jumpers	\$45.00
920-0184-01	Qty. 10 9" Green Female Jumpers and 40 Headers	\$7.00
920-0185-01	Qty. 100 9" Green Female Jumpers	\$45.00
920-0186-01	Qty. 10 9" Red Female Jumpers and 40 Headers	\$7.00
920-0187-01	Qty. 100 9" Red Female Jumpers	\$45.00
920-0188-01	Qty. 10 9" Orange Female Jumpers and 40 Headers	\$7.00
920-0189-01	Qty 100 9" Orange Female Jumpers	\$45.00
920-0190-01	Qty. 10 9" Brown Female Jumpers and 40 Headers	\$7.00
920-0191-01	Qty 100 9" Brown Female Jumpers	\$45.00
920-0090-01	Qty. 10 9" White Male to Female Jumpers and 40	\$8.00
920-0093-01	Qty. 100 9" White Male to Female	\$50.00
920-0020-01	Qty. 10 12" Green Female Jumpers and 20 Headers	\$7.00
920-0019-01	Qty. 100 12" Green Female Jumpers	\$45.00
920-0139-01	Qty. 10 12" White Female Jumpers and 20 Headers	\$7.00
920-0140-01	Qty. 100 12" White Female Jumpers	\$45.00
920-0141-01	Qty. 10 12" Yellow Female Jumpers and 20 Headers	\$7.00
920-0142-01	Qty. 100 12" Yellow Female Jumpers	\$45.00
920-0143-01	Qty. 10 12" Red Female Jumpers and 20 Headers	\$7.00
920-0144-01	Qty. 100 12" Red Female Jumpers	\$45.00
920-0145-01	Qty. 10 12" Black Female Jumpers and 20 Headers	\$7.00
920-0146-01	Qty. 100 12" Black Female Jumpers	\$45.00
920-0091-01	Qty. 10 12" Orange Male to Female Jumpers and 40	\$8.00

920-0094-01	Qty. 100 12" Orange Male to Female	\$50.00
920-0155-01	Qty 10 of Green, White, Yellow, Red & Black 12" Female Jumpers and 200 Headers	\$30.00
920-0074-01	Qty. 10 24" Black Female Jumpers and 40 Headers	\$8.00
920-0075-01	Qty. 100 24" Black Female Jumpers	\$50.00
920-0202-01	Qty. 10 24" Red Female Jumpers and 40 Headers	\$8.00
920-0203-01	Qty. 100 24" Red Female Jumpers	\$50.00
920-0067-01	Qty. 20 of each, 2", 3", 5", 7" and 9" Female Jumpers	\$40.00
920-0067-50	Qty. 10 of each, 3", 5", 7", 9" and 12" Female Jumpers	\$20.00
920-0067-25	Qty. 5 of each, 3", 5", 7", 9" and 12" Female Jumpers	\$15.00
920-0095-01	Qty. 25 of each 5", 7", 9", and 12" Male to Female	\$50.00
920-0095-25	Qty. 5 of each 5", 7", 9", and 12" Male to Female	\$12.00
920-0095-60	Qty. 15 of each 5", 7", 9", and 12" Male to Female	\$33.00
920-0096-50	Qty. 50 Blue Daisy Chained Female Jumpers	\$15.00
920-0194-50	Qty. 50 Red Daisy Chained Female Jumpers	\$15.00
920-0195-50	Qty. 50 Black Daisy Chained Female Jumpers	\$15.00
920-0113-01	Qty. 4 Female 2 x 5 IDC Sockets	\$3.00
920-0114-01	Qty. 4 Female 2 x 7 IDC Sockets	\$3.00
920-0115-01	Qty. 4 Female 2 x 13 IDC Sockets	\$3.00
920-0116-01	Qty. 4 Male 2 x 5 IDC Sockets	\$3.00
920-0117-01	Qty. 4 Male 2 x 7 IDC Sockets	\$3.00
920-0118-01	Qty. 4 Male 2 x 13 IDC Sockets	\$3.00
920-0119-01	Qty. 2 Female 2 x 5 IDC Sockets with 12" Long 26 wide Ribbon Cable	\$3.00
920-0120-01	Qty. 2 Female 2 x 7 IDC Sockets with 12" Long 26 wide Ribbon Cable	\$3.00
920-0121-01	Qty. 2 Female 2 x 13 IDC Sockets with 12" Long 26 wide Ribbon Cable	\$3.00
920-0122-01	Qty. 1 12" Long 26 Wide Ribbon Cable	\$2.00
920-0079-01	Qty. 2 three prong female to female cable harness with 12" cables	\$5.00
920-0080-01	Qty. 5 three prong female to female cable harness with 12" cables	\$10.00
920-0123-01	Red Wire Hacks	\$5.00
920-0124-01	Black Wire Hacks	\$5.00
920-0125-01	White Wire Hacks	\$5.00
920-0126-01	Yellow Wire Hacks	\$5.00
920-0127-01	Blue Wire Hacks	\$5.00
920-0128-01	Green Wire Hacks	\$5.00
920-0129-01	Clear Wire Hacks	\$5.00
920-0130-01	7 Color Assortment Wire Hacks	\$5.00
922-0001-01	Qty. 5 Black Male/Female 11" 4 Way Bus Jumpers With 40 Headers	\$9.00
922-0002-01	Qty. 5 White Male/Female 11" 4 Way Bus Jumpers With 40 Headers	\$9.00
922-0003-01	Qty. 5 Red Male/Female 11" 4 Way Bus Jumpers With 40 Headers	\$9.00
922-0004-01	Qty. 5 Yellow Male/Female 11" 4 Way Bus Jumpers With 40 Headers	\$9.00
922-0005-01	Qty. 5 Blue Male/Female 11" 4 Way Bus Jumpers With 40 Headers	\$9.00

All jumpers are not made equal. You will find that the male and female receptacles on Schmartboard jumpers are thinner than most on the market, which allow you to work better and easier in tight areas. Our Female receptacles fit snugly on .1" and 2mm headers. We challenge you to compare ours head to head with others because we know you will immediately understand the difference. They are rated to handle the following specs: 28AWG, UL1007, 80 deg C, 300V.

Selected Schmartboard Users

Abbott Healthcare, **Agilent**, Alps Electric, **Altera Corporation**, Amazon Lab, **Amtrak**, Analog Devices, **Apple**, Argonne National Laboratory, **Atmel**, BAE Systems, **Battelle**, Boeing, **Bose**, Broadcom, **Boston Scientific**, Cirrus Logic, **Cisco Systems**, Cypress Semiconductor, **Delphi Electronics**, Delta Airlines, **Dolby Digital**, Ericsson, **European Space Agency**, Facebook, **Fairchild Semiconductor**, Fluke Corporation, **Freescale Semiconductor**, Fujitsu, **Garmin International**, General Dynamics, **General Motors**, Google, Inc., **Hewlett Packard**, Hitachi, **Honeywell**, IBM, **Infineon Technologies**, Intel Corporation, **Jet Propulsion Laboratory**, John Deere, **Johnson Controls**, Lockheed Martin, **Los Alamos National Labs**, Lucas Digital, **Marvell Semiconductor**, Maxim Integrated, **Mayo Clinic**, Medtronic, **Microchip**, Microsoft, **Mitsubishi**, MOOG, Inc., **Motorola**, NASA, **Nest Labs**, Nikon, **Nokia**, Nortel Networks, **Northrup Grumman**, NVIDIA, **NXP Semiconductors**, ON Semiconductor, **Panasonic**, Philips, **Pitney Bowes**, Plantronics, **Qualcomm**, Rauland Borg, **Raytheon**, Ricoh Innovations, **Rockwell Collins**, Rolls Royce, **SAIC**, Sandia National Labs, **Samsung**, Sanmina, **Sharp Labs**, Siemens, **Silicon Labs**, SpaceX, **Tesla Motors**, Texas Instruments, **Trimble Navigation**, Toshiba, **United Airlines**, Verifone, **Western Digital**, Yahoo Inc.

Many Universities