



0.5mm and 1mm Flat Flex Cable

Parflex custom jumper cables are available with flat conductors of desired length, stripped at both ends. The insulation has been stripped from one side only, exposing one surface of the conductors. Conductors have been pre-terminated for direct insertion into connectors.

Features:
 • Superior Mechanical and Shielding Performance • Meets FCC, CIS PR/DE electrical requirements for interconnects • High flexibility rating of 10 million

flex cycles on a 6" (15.24mm) radius with optimum design layout • Superior mechanical and abrasion resistance

Cable Characteristics:
 • Conductors: Cu., tin/lead plated • Current Rating: 0.5A (0.5mm); 1.50A (1mm) • Voltage Rating: 90 volts • Insulation: polyester • Temperature Rating: -55°C - 105°C • Dielectric Strength: 2500 volts/mil • U.L. Flame Rating: VW-1 • U.L. Styles: 20890 & 20566



0.5mm Flat Flex Cable

No. of Pos.	Dim. A (mm)	Digi-Key Part No.	Pricing			Parflex Part No.
			1	10	100	
2" (5.08cm) Flat Flex Cable						
4	2.5	HFF-04U-02-ND	3.60	30.00	220.00	05004-51B
5	3.0	HFF-05U-02-ND	3.60	30.00	220.00	05005-51B
6	3.5	HFF-06U-02-ND	3.60	30.00	220.00	05006-51B
7	4.0	HFF-07U-02-ND	3.60	30.00	220.00	05007-51B
8	4.5	HFF-08U-02-ND	3.60	30.00	220.00	05008-51B
10	5.5	HFF-10U-02-ND	3.60	30.00	220.00	05010-51B
12	6.5	HFF-12U-02-ND	3.60	30.00	220.00	05012-51B
13	7.0	HFF-13U-02-ND	3.60	30.00	220.00	05013-51B
15	8.0	HFF-15U-02-ND	3.60	30.00	220.00	05015-51B
18	8.5	HFF-18U-02-ND	3.60	30.00	220.00	05018-51B
20	10.5	HFF-20U-02-ND	3.74	31.13	228.25	05020-51B
21	11	HFF-21U-02-ND	3.74	31.13	228.25	05021-51B
22	11.5	HFF-22U-02-ND	3.74	31.13	228.25	05022-51B
24	12.5	HFF-24U-02-ND	3.78	31.13	231.00	05024-51B
26	13.5	HFF-26U-02-ND	3.74	31.13	228.25	05026-51B
30	15.5	HFF-30U-02-ND	3.83	31.88	233.75	05030-51B
36	18.5	HFF-36U-02-ND	3.87	32.25	236.50	05036-51B
40	20.5	HFF-40U-02-ND	3.92	32.63	239.25	05040-51B
50	25.5	HFF-50U-02-ND	4.05	33.75	247.50	05050-51B
3" (7.62cm) Flat Flex Cable						
4	2.5	HFF-04U-03-ND	4.05	33.75	247.50	05004-76B
5	3.0	HFF-05U-03-ND	4.05	33.75	247.50	05005-76B
6	3.5	HFF-06U-03-ND	4.05	33.75	247.50	05006-76B
7	4.0	HFF-07U-03-ND	4.05	33.75	247.50	05007-76B
8	4.5	HFF-08U-03-ND	4.05	33.75	247.50	05008-76B
10	5.5	HFF-10U-03-ND	4.05	33.75	247.50	05010-76B
12	6.5	HFF-12U-03-ND	4.05	33.75	247.50	05012-76B
13	7.0	HFF-13U-03-ND	4.05	33.75	247.50	05013-76B
15	8.0	HFF-15U-03-ND	4.05	33.75	247.50	05015-76B
18	8.5	HFF-18U-03-ND	4.05	33.75	247.50	05018-76B
20	10.5	HFF-20U-03-ND	4.05	33.75	247.50	05020-76B
21	11	HFF-21U-03-ND	4.05	33.75	247.50	05021-76B

No. of Pos.	Dim. A (mm)	Digi-Key Part No.	Pricing			Parflex Part No.
			1	10	100	
4" (10.16cm) Flat Flex Cable						
4	2.5	HFF-04U-04-ND	4.05	33.75	247.50	05004-102B
5	3.0	HFF-05U-04-ND	4.05	33.75	247.50	05005-102B
6	3.5	HFF-06U-04-ND	4.05	33.75	247.50	05006-102B
7	4.0	HFF-07U-04-ND	4.05	33.75	247.50	05007-102B
8	4.5	HFF-08U-04-ND	4.05	33.75	247.50	05008-102B
10	5.5	HFF-10U-04-ND	4.05	33.75	247.50	05010-102B
12	6.5	HFF-12U-04-ND	4.28	35.63	261.25	05012-102B
13	7.0	HFF-13U-04-ND	4.28	35.63	261.25	05013-102B
15	8.0	HFF-15U-04-ND	4.28	35.63	261.25	05015-102B
18	8.5	HFF-18U-04-ND	4.28	35.63	261.25	05018-102B
20	10.5	HFF-20U-04-ND	4.28	35.63	261.25	05020-102B
21	11	HFF-21U-04-ND	4.28	35.63	261.25	05021-102B
22	11.5	HFF-22U-04-ND	4.28	35.63	261.25	05022-102B
24	12.5	HFF-24U-04-ND	4.37	36.38	266.75	05024-102B
26	13.5	HFF-26U-04-ND	4.37	36.38	266.75	05026-102B
30	15.5	HFF-30U-04-ND	4.50	37.50	275.00	05030-102B
36	18.5	HFF-36U-04-ND	4.64	38.63	283.25	05036-102B
40	20.5	HFF-40U-04-ND	4.73	39.38	288.75	05040-102B
50	25.5	HFF-50U-04-ND	4.95	41.25	302.50	05050-102B
5" (12.70cm) Flat Flex Cable						
4	2.5	HFF-04U-05-ND	4.95	41.25	302.50	05004-127B
5	3.0	HFF-05U-05-ND	4.95	41.25	302.50	05005-127B
6	3.5	HFF-06U-05-ND	4.95	41.25	302.50	05006-127B
7	4.0	HFF-07U-05-ND	4.95	41.25	302.50	05007-127B
8	4.5	HFF-08U-05-ND	4.95	41.25	302.50	05008-127B

No. of Pos.	Dim. A (mm)	Digi-Key Part No.	Pricing			Parflex Part No.
			1	10	100	
6" (15.24cm) Flat Flex Cable						
4	2.5	HFF-04U-06-ND	4.95	41.25	302.50	05004-152B
5	3.0	HFF-05U-06-ND	4.95	41.25	302.50	05005-152B
6	3.5	HFF-06U-06-ND	4.95	41.25	302.50	05006-152B
7	4.0	HFF-07U-06-ND	4.95	41.25	302.50	05007-152B
8	4.5	HFF-08U-06-ND	4.95	41.25	302.50	05008-152B
10	5.5	HFF-10U-06-ND	4.95	41.25	302.50	05010-152B
12	6.5	HFF-12U-06-ND	4.95	41.25	302.50	05012-152B
13	7.0	HFF-13U-06-ND	4.95	41.25	302.50	05013-152B
15	8.0	HFF-15U-06-ND	4.95	41.25	302.50	05015-152B
18	8.5	HFF-18U-06-ND	4.95	41.25	302.50	05018-152B
20	10.5	HFF-20U-06-ND	4.95	41.25	302.50	05020-152B
21	11	HFF-21U-06-ND	4.95	41.25	302.50	05021-152B
22	11.5	HFF-22U-06-ND	4.95	41.25	302.50	05022-152B
24	12.5	HFF-24U-06-ND	5.18	43.13	316.25	05024-152B
26	13.5	HFF-26U-06-ND	5.18	43.13	316.25	05026-152B
30	15.5	HFF-30U-06-ND	5.40	45.00	330.00	05030-152B
36	18.5	HFF-36U-06-ND	5.54	46.13	338.25	05036-152B
40	20.5	HFF-40U-06-ND	5.63	46.88	343.75	05040-152B
50	25.5	HFF-50U-06-ND	5.85	48.75	357.50	05050-152B

1mm Flat Flex Cable

No. of Pos.	Dim. A (mm)	Digi-Key Part No.	Pricing			Parflex Part No.
			1	10	100	
2" (5.08cm) Flat Flex Cable						
5	6.15	HF06U-02-ND	2.25	18.75	137.50	10005-51B
6	7.15	HF06U-02-ND	2.25	18.75	137.50	10006-51B
7	8.15	HF07U-02-ND	2.25	18.75	137.50	10007-51B
8	9.15	HF08U-02-ND	2.48	20.63	151.25	10008-51B
10	11.15	HF10U-02-ND	2.70	22.50	165.00	10010-51B
12	13.15	HF12U-02-ND	2.93	24.38	178.75	10012-51B
14	15.15	HF14U-02-ND	3.15	26.25	192.50	10014-51B
15	16.15	HF15U-02-ND	3.15	26.25	192.50	10015-51B
16	17.15	HF16U-02-ND	3.38	28.13	206.25	10016-51B
17	18.15	HF17U-02-ND	3.38	28.13	206.25	10017-51B
18	19.15	HF18U-02-ND	3.60	30.00	220.00	10018-51B
20	21.15	HF20U-02-ND	3.83	31.88	233.75	10020-51B
22	23.15	HF22U-02-ND	4.05	33.75	247.50	10022-51B
24	25.15	HF24U-02-ND	4.28	35.63	261.25	10024-51B
26	27.15	HF26U-02-ND	4.50	37.50	275.00	10026-51B
28	29.15	HF28U-02-ND	4.73	39.38	288.75	10028-51B
30	31.15	HF30U-02-ND	4.95	41.25	302.50	10030-51B
3" (7.62cm) Flat Flex Cable						
5	6.15	HF06U-03-ND	2.48	20.63	151.25	10005-76B
6	7.15	HF06U-03-ND	2.48	20.63	151.25	10006-76B
7	8.15	HF07U-03-ND	2.48	20.63	151.25	10007-76B
8	9.15	HF08U-03-ND	2.70	22.50	165.00	10008-76B
10	11.15	HF10U-03-ND	2.93	24.38	178.75	10010-76B
12	13.15	HF12U-03-ND	3.15	26.25	192.50	10012-76B
14	15.15	HF14U-03-ND	3.38	28.13	206.25	10014-76B
15	16.15	HF15U-03-ND	3.38	28.13	206.25	10015-76B
16	17.15	HF16U-03-ND	3.60	30.00	220.00	10016-76B
17	18.15	HF17U-03-ND	3.60	30.00	220.00	10017-76B
18	19.15	HF18U-03-ND	3.83	31.88	233.75	10018-76B
20	21.15	HF20U-03-ND	4.05	33.75	247.50	10020-76B
22	23.15	HF22U-03-ND	4.28	35.63	261.25	10022-76B
24	25.15	HF24U-03-ND	4.50	37.50	275.00	10024-76B
26	27.15	HF26U-03-ND	4.73	39.38	288.75	10026-76B
28	29.15	HF28U-03-ND	4.95	41.25	302.50	10028-76B
30	31.15	HF30U-03-ND	5.18	43.13	316.25	10030-76B
4" (10.16cm) Flat Flex Cable						
5	6.15	HF06U-04-ND	2.70	22.50	165.00	10005-102B
6	7.15	HF06U-04-ND	2.70	22.50	165.00	10006-102B
7	8.15	HF07U-04-ND	2.70	22.50	165.00	10007-102B
8	9.15	HF08U-04-ND	2.93	24.38	178.75	10008-102B
10	11.15	HF10U-04-ND	3.15	26.25	192.50	10010-102B
12	13.15	HF12U-04-ND	3.38	28.13	206.25	10012-102B
14	15.15	HF14U-04-ND	3.60	30.00	220.00	10014-102B
15	16.15	HF15U-04-ND	3.60	30.00	220.00	10015-102B
16	17.15	HF16U-04-ND	3.83	31.88	233.75	10016-102B
17	18.15	HF17U-04-ND	3.83	31.88	233.75	10017-102B
18	19.15	HF18U-04-ND	4.05	33.75	247.50	10018-102B
20	21.15	HF20U-04-ND	4.28	35.63	261.25	10020-102B
22	23.15	HF22U-04-ND	4.50	37.50	275.00	10022-102B
24	25.15	HF24U-04-ND	4			