

Power Dividers/Combiners

FEATURES:

- ❖ 0.5-50GHz
- ❖ Low Insertion Loss
- ❖ Rugged Construction
- ❖ Economically priced.



CDP Series

APPLICATIONS:

- ❖ CDMA / GSM
- ❖ PHS / WLAN
- ❖ WCSMA / DCS
- ❖ Test Benches

SPECIFICATIONS:

Model Number	Frequency Range (MHz)	Insertion Loss (dB) Max.	Isolation (dB) Min.	Power Avg (W) Max.	VSWR Max. In/Out	Connector Type	Case Type (mm)
2-way							
CDPV1U5U802R	10-500	0.8	20	1	1.5:1	SMA	25.4 x 36.6 x 10
CDPU3U80302H	350-800	3.3	20	50	1.25:1	N-F	102 X 102 X 35
CDPU501U702R	500-1000	0.7	6	10	2.0:1	SMA	77.8 x 11 x 9.6
CDPU501U302T	500-1000	0.35	20	30	1.20/1.15	SMA-F	54 x 28 x 10
CDPU502U502T	500-2000	0.50	20	30	1.25/1.20	SMA-F	54 X 28 X10
CDPU504U502R	500-4000	0.5	20	10	1.3/1.2:1	SMA	38 x 76 x 9.6
CDPU506U802T	500-6000	0.8	18	30	1.40/1.30	SMA-F	*
CDPU5180102K	500-18000	1.5	19	10	1.45:1	SMA	197 x 25 x 13
CDPU5260102K	500-26500	1.9	19	10	1.60:1	SMA	197 x 25 x 13
CDPU802U402T	800-2500	0.4	20	20	1.30/1.20	SMA-F	35 X 28 X10
CDPU802U302B	800-2500	0.3	21	*	1.2:1	N-F	88 x 96 x 23
CDPU8020302H	800-2500	3.4	20	50	1.2:1	N-F	88 X 96 X23
CDPU8030302H	800-3500	3.7	18	50	1.25:1	N-F	76 X 50 X 21
CDPU8U80302G	869-894	3.55	50	200	*	SMA	96.8 x 105 x 23.5
CDPU9U90302G1	925-950	3.6	50	200	*	SMA	96.8 x 105 x 23.5
CDPU9U90302G2	935-960	3.55	50	100	*	SMA	96.8 x 105 x 23.5
CDPU9U90602G	935-960	6.8	50	400	*	SMA	216.9 x 175 x 24.5
CDP0102U302T	1000-2000	0.35	20	30	1.20/1.15	SMA-F	28 x 28 x 10
CDP0104U502T	1000-4000	0.5	20	30	1.30/1.25	SMA-F	28 X 28 X 10
CDP01080102T	1000-8000	1.2	16	30	1.4/1.35	SMA-F	41X 28 X 10
CDP01120102T	1000-12400	1.50	16	30	1.45/1.35	SMA-F	*

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CDP01180102T	1000-18000	1.6	16	30	1.60/1.60	SMA-F	*
CDP01180102K	1000-18000	1.2	19	10	1.45:1	*	105 x 25 x 13
CDP01260102K	1000-26500	1.6	21	10	1.6:1	*	105 x 25 x 13
CDP01020302S	1700-2500	3.4	20	30	1.3:1	N-F/SMA	60 x 50 x 21
CDP01010302G1	1805-1880	3.65	50	100	*	SMA	96.8 x 105 x 29.5
CDP01010302G2	1805-1880	3.7	50	200	*	SMA	96.8 x 105 x 29.5
CDP01010302G	1900-1920	3.55	50	60	*	N-F	80 x 61 x 20
CDP0204U302T	2000-4000	0.35	20	30	1.25/1.20	SMA-F	28 x 28 x 10
CDP0208U602T	2000-8000	0.6	20	30	1.30/1.20	SMA-F	28 X 28 X 10
CDP02180102T	2000-18000	1.20	16	30	1.50/1.50	SMA-F	*
CDP02180102K	2000-18000	1.1	19	10	1.45:1	SMA	57 x 25 x 13
CDP02260102K	2000-26500	1.4	18	10	1.6:1	SMA	57 x 28.7 x 13
CDP0202U302B	2350	0.3	30	*	1.2:1	SMA	33 x 19 x 22
CDP0408U502T	4000-8000	0.50	20	30	1.25/1.20	SMA-F	28 x 28 x 10
CDP0418U802T	4000-18000	0.8	18	30	1.5/1.5	SMA-F	36 X 24 X 10
CDP0506U302B	5500-6000	0.3	*	*	1.5:1	N-F	36 x 40 x 19.5
CDP0618U702T	6000-18000	0.7	18	30	1.5/1.5	SMA-F	30 x 24 x 10
CDP06400102R	6000-40000	1.0	15	10	2.0:1	K-F	25.4 x 11 x 9.6
CDP0712U702R	7000-12400	0.7	16	10	1.7:1	SMA	44.3 x 44.3 x 11
CDP0816U802R	8000-16000	0.8	15	10	1.7/1.6:1	SMA	77.8 x 11 x 9.6
CDP1030U802R	10000-30000	0.8	16	10	1.6:1	SMA	11 x 22 x 9.9
CDP1218U902R	12000-18000	0.9	15	10	2.0:1	SMA	44.3 x 44.3 x 11
CDP1618U902R	16000-18000	0.9	14	10	1.8/1.9:1	SMA	77.8 x 11 x 9.6
CDP18200102R	18000-20000	1.1	7	10	2.0:1	SMA	77.8 x 11 x 9.6
3-way							
CDPV1U50103R	10-500	1.0	18	1	1.5:1	SMA	25.4 x 47.75 x 10
CDPU3U80503H	350-800	5.3	20	30	1.25:1	N-F	122 X 106 X 35
CDPU501U303R	500-1000	0.3	17	10	1.5:1	SMA	71 x 55.9 x 15
CDPU701U303R	750-1500	0.3	17	10	1.5:1	SMA	58.4 x 45.7 x 15
CDPU8U90503H	800-965	6.5	20	50	1.25:1	N-F	110 X 92 X 23
CDPU802U603TN	800-2500	0.6	20	50	1.3:1	N-F	77 x 74 x 22
CDPU802U403B	800-2500	0.4	21	*	1.2:1	N-F	102 x 128 x 23
CDPU8030603H	800-3500	6.0	18	50	1.3:1	N-F	123 X 87 X 21
CDP0102U303R	1000-2000	0.3	19	10	1.45:1	SMA	58 x 46 x 15
CDP0103U403R	1500-3000	0.4	19	10	1.5:1	SMA	50.8 x 36.6 x 11
CDP01020503S	1700-2500	5.2	20	30	1.3:1	N-F/SMA	95 x 70 x 21
CDP01020503H	1710-2500	5.3	20	50	1.2:1	N-F	110 X 92 X 23
CDP0204U603T	2000-4000	0.6	18	30	1.30/1.30	SMA-F	*
CDP0204U503R	2000-4000	0.5	19	10	1.5:1	SMA	47.8 x 36.6 x 11
CDP02080103T	2000-8000	1.3	18	30	1.4/1.30	SMA-F	*

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CDP0408U503R	4000-8000	0.5	16	10	1.6:1	SMA	47.8 x 36.6 x 11
CDP0712U803R	7000-12400	0.8	12	10	1.8:1	SMA	30.4 x 36.6 x 11
CDP08180103T	8000-18000	1.2	18	30	1.6/1.5	SMA-F	*
CDP12180103R	12000-18000	1.0	10	10	2.0:1	SMA	30.4 x 36.6 x 11
4-way							
CDPV1U50104R	10-500	1.5	20	1	1.5:1	SMA	25.4 x 58.9 x 10
CDPU3U80604H	350-800	6.5	20	50	1.25:1	N-F	206X107X35
CDPU5010104R	500-1000	1.6	5	10	3.0/1.8:1	SMA	50.8 x 76.2 x 9.6
CDPU501U604T	500-1000	0.6	20	30	1.25/1.20	SMA-F	76 x 56 x 10
CDPU5020104T	500-2000	1.0	20	30	1.30/1.20	SMA-F	76 X 56 X 10
CDPU5040104R	500-4000	1.1	20	10	1.4/1.3:1	SMA	58 x 106 x 9.6
CDPU5060104T	500-6000	1.8	16	30	1.60/1.50	SMA-F	*
CDPU5180404K	500-18000	4.0	16	10	1.7/1.5:1	SMA	203 x 66 x 13
CDPU5260404K	500-26500	4.3	16	10	1.8/1.7:1	SMA	203 x 66 x 13
CDPU701U804B	700-1600	0.8	*	*	1.5:1	N-F	65 x 83 x 19.5
CDPU802U704T	800-2500	0.7	20	30	1.30/1.20	SMA-F	56.7 x 50.7 x 10
CDPU802U604B	800-2500	0.6	21	*	1.2:1	N-F	140 x 104 x 23
CDPU8020604H	800-2500	6.6	20	50	1.2:1	N-F	104 x 71 x 19
CDPU8030704H	800-3500	7.5	18	50	1.3:1	N-F	177X106X20
CDP0102U604T	1000-2000	0.6	20	30	1.30/1.20	SMA-F	43 x 56 x 10
CDP0104U804T	1000-4000	0.8	20	30	1.30/1.20	SMA-F	43 X 56 X 10
CDP01080204T	1000-8000	2.2	15	30	1.5/1.4	SMA-F	70.5 X 56 X 10
CDP01120204T	1000-12400	2.8	16	30	1.6/1.35	SMA-F	*
CDP01180204T	1000-18000	2.9	14	30	1.8/1.6	SMA-F	*
CDP01180304K	1000-18000	3.0	16	10	1.7/1.5:1	SMA	114 x 66 x 13
CDP01260304K	1000-26500	3.3	16	10	1.9/1.7:1	SMA	114 x 66 x 13
CDP0102U704B	1700-2050	0.7	21	*	1.2:1	N-F	104 x 104 x 20.5
CDP01020604S	1700-2500	6.4	20	30	1.3:1	N-F/SMA	110 x 74 x 21
CDP0204U604T	2000-4000	0.6	20	30	1.30/1.20	SMA-F	43 x 56 x 10
CDP0206U504R	2000-6000	0.5	17	10	1.5/1.3:1	SMA	50.8 x 76.2 x 9.6
CDP02080104T	2000-8000	1.2	17	30	1.40/1.35	SMA-F	*
CDP02180204K	2000-18000	2.0	16	10	1.7/1.5:1	SMA	117 x 51 x 13
CDP02180204T	2000-18000	2.2	16	30	1.65/1.60	SMA-F	64 x 69 x 10
CDP02260204K	2000-26500	2.3	16	10	1.9/1.7:1	SMA	117 x 51 x 13
CDP0408U804T	4000-8000	0.8	20	30	1.30/1.25	SMA-F	43 x 56 x 10
CDP04180104T	4000-18000	1.6	17	30	1.6/1.5	SMA-F	60 X 50.5 X 10
CDP05060104B	5500-6000	1.0	*	*	1.5:1	N-F	96 x 42.3 x 21.5
CDP0616U904R	6000-16000	0.9	16	10	1.7/1.35:1	SMA	50.8 x 76.2 x 9.6
CDP06180104T	6000-18000	1.3	18	30	1.6/1.5	SMA-F	45 x 50.5 x 10
CDP06400104R	6000-40000	1.6	15	10	2.0:1	K-F	45 x 35 x 9.6

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CDP07120104R	7000-12400	1.0	16	10	1.7:1	SMA	44.7 x 44.7 x 11
CDP10300104R	10000-30000	1.6	16	10	1.8:1	SMA	44.7 x 30.5 x 9.9
CDP12180204R	12000-18000	2.0	15	10	2.0:1	SMA	44.7 x 44.7 x 11
CDP16180104R	16000-18000	1.2	15	10	1.7/1.5:1	SMA	50.8 x 76.2 x 9.6
6-way							
CDPV1U50106R	10-500	1.75	15	1	1.5:1	SMA	31.75 x 81 x 10
CDPU501U506R	500-1000	0.55	18	10	1.5:1	SMA	86.4 x 101.6 x 15.2
CDPU701U506R	750-1500	0.55	18	10	1.5:1	SMA	73.7 x 91.4 x 15.2
CDP0102U506R	1000-2000	0.55	18	10	1.5:1	SMA	73.7 x 91.4 x 15.2
CDP0103U506R	1500-3000	0.55	18	10	1.5:1	SMA	66 x 70 x 11
CDP0204U706R	2000-4000	0.7	17	10	1.5:1	SMA	63 x 70 x 11
CDP02080106T	2000-8000	1.6	17	30	1.4/1.3	SMA-F	*
CDP0408U906R	4000-8000	0.9	16	10	1.6:1	SMA	63 x 70 x 11
CDP07120106R	7000-12400	1.3	12	10	1.8:1	SMA	82 x 70 x 11
CDP12180106R	12000-18000	1.7	10	10	2.0:1	SMA	82 x 70 x 11
8-way							
CDPV1U50208R	10-500	2.0	17	1	1.5:1	SMA	31.75 x 104 x 10
CDPU5010108R	500-1000	1.0	20	10	1.2:1	SMA	106.7 x 121.9 x 15
CDPU5020108T	500-2000	1.5	20	30	1.4/1.3	SMA-F	103 X 108 X 10
CDPU5040108R	500-4000	1.6	20	10	1.5/1.4:1	SMA	109 x 153.67 x 9.6
CDPU5060208T	500-6000	2.8	16	30	1.6/1.5	SMA-F	*
CDPU8020108T	800-2500	1.2	20	30	1.4/1.25	SMA-F	108 X 75 X 10
CDPU7010108R	750-1500	1.0	20	10	1.2:1	SMA	73.7 x 121.9 x 15
CDP01020108T	1000-2000	1.0	20	30	1.30/1.20	SMA-F	63 x 108 x 10
CDP01040108T	1000-4000	1.5	20	30	1.40/1.30	SMA-F	63 X 108 X 10
CDP01030108R	1500-3000	1.0	20	10	1.25:1	SMA	58.4 x 121.9 x 15
CDP0204U908T	2000-4000	0.9	20	30	1.30/1.20	SMA-F	63 x 108 x 10
CDP02080108T	2000-8000	1.8	17	30	1.65/1.35	SMA-F	63 X 108 X 10
CDP02180308T	2000-18000	3.5	15	30	1.85/1.60	SMA-F	148.5 X 95 X 10
CDP04080108T	4000-8000	1.2	18	30	1.5/1.25	SMA-F	63 x 108 x 10
CDP04180208T	4000-18000	2.5	15	30	1.80/1.50	SMA-F	*
CDP06180208T	6000-18000	2.1	17	30	1.8/1.5	SMA-F	60 x 101.4 x 10
CDP07120208R	7000-12400	2.0	16	10	1.7:1	SMA	63.5 x 132 x 15
CDP10260208R	10000-26500	2.4	16	10	2.0:1	SMA	*
CDP10300208R	10000-30000	2.4	16	10	2.0:1	SMA	89.4 x 41.4 x 9.9
CDP12180208R	12000-18000	2.5	15	10	2.0:1	SMA	63.5 x 121.9 x 11
9-way							
CDPU501U609R	500-1000	0.6	17	10	1.5:1	SMA	139.7 x 147.3 x 15
CDPU701U609R	750-1500	0.6	17	10	1.5:1	SMA	114.3 x 137.1 x 15
CDP0102U609R	1000-2000	0.6	18	10	1.6:1	SMA	114.3 x 137.1 x 15

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CDP0103U709R	1500-3000	0.75	18	10	1.6:1	SMA	99 x 103.6 x 11
CDP0204U909R	2000-4000	0.9	17	10	1.8:1	SMA	95.2 x 103.6 x 11
CDP04080109R	4000-8000	1.0	16	10	1.8:1	SMA	95.2 x 103.6 x 11
CDP07120109R	7000-12400	1.4	12	10	2.0:1	SMA	60.9 x 103.6 x 11
CDP12180109R	12000-18000	1.8	10	10	2.0:1	SMA	60.9 x 103.6 x 11
12-way							
CDPU501U812R	500-1000	0.85	17	10	1.5:1	SMA	101.6 x 193 x 15
CDPU701U812R	750-1500	0.85	17	10	1.5:1	SMA	88.9 x 182.9 x 15
CDP0102U812R	1000-2000	0.85	18	10	1.6:1	SMA	88.9 x 182.9 x 15
CDP01030112R	1500-3000	1.0	18	10	1.6:1	SMA	81.2 x 137.1 x 11
CDP02040112R	2000-4000	1.0	17	10	1.8:1	SMA	78.2 x 137.1 x 11
CDP02080212T	2000-8000	2.5	16	30	1.6/1.4	SMA-F	88 X 159 X 10
CDP04080112R	4000-8000	1.4	16	10	1.8:1	SMA	78.2 x 137.1 x 11
CDP07120112R	7000-12400	1.8	12	10	2.0:1	SMA	60.9 x 137.1 x 11
CDP08180212T	8000-18000	2.5	14	30	1.8/1.5	SMA-F	*
CDP12180212R	12000-18000	2.4	10	10	2.0:1	SMA	60.9 x 137.1 x 11
16-way							
CDPU5010116R	500-1000	1.5	20	10	1.25:1	SMA	121.9 x 243.8 x 15
CDPU7010116R	750-1500	1.5	20	10	1.25:1	SMA	88.9 x 243.8 x 15
CDPU8020116T	800-2500	1.7	18	30	1.50/1.30	SMA-F	212 X 104 X 12
CDP01020116R	1000-2000	1.2	20	10	1.3:1	SMA	88.9 x 243.8 x 15
CDP01030116R	1500-3000	1.5	20	10	1.3:1	SMA	73.7 x 243.8 x 15
CDP02040116R	2000-4000	1.5	20	10	1.35:1	SMA	73.7 x 178.8 x 11
CDP02040116T	2000-4000	1.8	18	30	1.8:1.6	SMA-K	63X217X10
CDP04080216R	4000-8000	2.0	18	10	1.55:1	SMA	73.7 x 178.8 x 11
CDP07120216R	7000-12400	2.5	16	10	1.75:1	SMA	78.7 x 178.8 x 11
CDP12180316R	12000-18000	3.0	15	10	2.05:1	SMA	78.7 x 178.8 x 11

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2-way							
CDPU6040302H	600-4000	3.3	*	200	1.25:1	N-F	249.6 x 60.2 x 25
CDPU802U102S	800-2200	0.1	*	300	1.2:1	N-F	*
CDPU8020302H	800-2500	3.2	*	200	1.2:1	N-F	210.6 X 60.2x24.6
CDPU8060302H	800-6000	3.5	*	200	1.3:1	N-F	214.2 x 60.2 x 25
CDP0202U202S	2200-2500	0.2	*	300	1.2:1	N-F	*
CDP0102U102S	1700-2500	0.1	*	300	1.2:1	N-F	*



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3-way							
CDPU6040503H	600-4000	5.2	*	200	1.25:1	N-F	240.1 x 60.2 x25
CDPU802U103S	800-2200	0.1	*	300	1.2:1	N-F	*
CDPU802U203S	800-2500	0.2	20	300	1.2:1	SMA	*
CDPU8020503H	800-2500	5.02	*	200	1.2:1	N-F	235.2 X60.2X24.8
CDPU8060503H	800-6000	5.4	*	200	1.3:1	N-F	249.4 X60.2 X 25
CDP0202U203S	2200-2500	0.2	*	300	1.2:1	N-F	*
CDP0102U103S	1700-2500	0.1	*	300	1.2:1	N-F	*
4-way							
CDPU6040604H	600-4000	6.4	*	200	1.27:1	N-F	2256.3X60.2X42.6
CDPU802U104S	800-2200	0.1	*	300	1.2:1	N-F	*
CDPU8020604H	800-2500	6.2	*	200	1.2:1	N-F	235.2X60.2X24.8
CDPU8060604H	800-6000	6.6	*	200	1.35:1	N-F	266.2X60.2X42.5
CDP0202U204S	2200-2500	0.2	*	300	1.2:1	N-F	*
CDP0102U104S	1700-2500	0.1	*	300	1.2:1	N-F	*

OTHER FREQUENCIES AND DIVIDERS ARE ALSO AVAILABLE.

NOTES: * CONSULT THE FACTORY

CERNEX RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE.