

Power Dividers/Combiners

FEATURES:

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



APPLICATIONS:

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

CDP Series

SPECIFICATIONS:

Model Number	Frequency Range (MHz)	Insertion Loss (dB) Max.	Isolation (dB) Min.	Power Avg (W) Max.	VSWR Max.	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
CDPU501U702R	500-1000	0.7	6	10	2.0:1	SMA	77.8 x 11 x 9.6
CDPU502U402T	500-2000	0.4	22	20	1.25:1	SMA	54 x 28 x 10
CDPU504U502R	500-4000	0.5	20	10	1.3/1.2:1	SMA	38 x 76 x 9.6
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
CDPU802U402TS	800-2400	0.4	22	20	1.30:1	SMA	35 x 28 x 10
CDPU802U402TN	800-2500	0.4	22	50	1.25:1	N-F	72 x 46 x 29
CDPU802U302B	800-2500	0.3	21	*	1.2:1	N-F	88 x 96 x 23
CDPU809U102H	806-965	0.1	20	50	1.2:1	N-F	28 x 60 x 23
CDPU8080302G	869-894	3.55	50	200	*	SMA	96.8 x 105 x 23.5
CDPU9090302G1	925-950	3.6	50	200	*	SMA	96.8 x 105 x 23.5
CDPU9090302G2	935-960	3.55	50	100	*	SMA	96.8 x 105 x 23.5
CDPU9090602G	935-960	6.8	50	400	*	SMA	216.9 x 175 x 24.5
CDP0102U302T	1000-2000	0.3	22	20	1.2:1	SMA	28 x 28 x 10
CDP0104U402T	1000-4000	0.4	20	20	1.25:1	SMA	28 x 28 x 10
CDP01080102T	1000-8000	1.2	18	20	1.5:1	SMA	41 x 28 x 10
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
CDP0102U102H	1700-2500	0.1	21	50	1.2:1	N-F	51 x 40 x 22



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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
CDP0102U402T	1880-2500	0.4	22	50	1.25:1	N-F	*
CDP01010302G	1900-1920	3.55	50	60	*	N-F	80 x 61 x 20
CDP0204U302T	2000-4000	0.3	22	22	1.25:1	SMA	28 x 28 x 10
CDP0208U602T	2000-8000	0.6	18	20	1.25:1	SMA	28 x 28 x 10
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 25 x 13
CDP02180102T	2000-18000	1.2	16	20	1.5:1	SMA	47 x 24 x 10
CDP0202U302B	2350	0.3	30	*	1.2:1	SMA	33 x 19 x 22
CDP0408U402T	4000-8000	0.45	20	20	1.25:1	SMA	28 x 28 x 10
CDP0418U802T	4000-18000	0.8	18	10	1.5:1	SMA	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	10	1.5:1	SMA	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
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
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
CDPU8U9U203H	806-965	0.2	20	50	1.22:1	N-F	118 x 92 x 23
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
CDP0102U203H	1700-2500	0.2	21	50	1.2:1	N-F	72 x 83 x 22
CDP0102U403T	1880-2500	0.4	22	50	1.25:1	N-F	*
CDP0204U503R	2000-4000	0.5	19	10	1.5:1	SMA	47.8 x 36.6 x 11
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
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
CDPU5010104R	500-1000	1.6	5	10	3.0/1.8:1	SMA	50.8 x 76.2 x 9.6



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CDPU502U804T	500-2000	0.8	20	20	1.25:1	SMA	76 x 56 x 10
CDPU5040104R	500-4000	1.1	20	10	1.4/1.3:1	SMA	58 x 106 x 9.6
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
CDPU802U704TN	800-2500	0.7	20	50	1.3:1	N-F	77 x 74 x 22
CDPU802U704TS	800-2400	0.7	20	20	1.25:1	SMA	50 x 56 x 10
CDPU802U604B	800-2500	0.6	21	*	1.2:1	N-F	140 x 104 x 23
CDPU8U9U304H	806-965	0.3	20	50	1.2:1	N-F	104 x 71 x 19
CDP0102U404TS	1000-2000	0.4	22	20	1.2:1	SMA	43 x 56 x 10
CDP0104U704T	1000-4000	0.7	20	20	1.25:1	SMA	43 x 56 x 10
CDP01080204T	1000-8000	2.0	15	20	1.5:1	SMA	70.5 x 56 x 10
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
CDP0102U304H	1700-2500	0.3	19	50	1.2:1	N-F	102 x 90 x 22
CDP0102U404TN	1880-2500	0.4	22	50	1.25:1	N-F	*
CDP0204U404T	2000-4000	0.4	22	20	1.25:1	SMA	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	1.0	18	20	1.3:1	SMA	*
CDP02180204K	2000-18000	2.0	16	10	1.7/1.5:1	SMA	117 x 51 x 13
CDP02180204T	2000-18000	2.2	15	20	1.65:1	SMA	64 x 69 x 10
CDP02260204K	2000-26500	2.3	16	10	1.9/1.7:1	SMA	117 x 51 x 13
CDP0408U604T	4000-8000	0.6	18	20	1.3:1	SMA	43 x 56 x 10
CDP04180104T	4000-18000	1.6	18	10	1.6:1	SMA	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	20	1.6:1	SMA	45 x 50.5 x 10
CDP06400104R	6000-40000	1.6	15	10	2.0:1	K-F	45 x 35 x 9.6
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



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CDP0204U706R	2000-4000	0.7	17	10	1.5:1	SMA	63 x 70 x 11
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	1.4	20	20	1.4:1	SMA	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
CDPU7010108R	750-1500	1.0	20	10	1.2:1	SMA	73.7 x 121.9 x 15
CDPU8020108T	800-2400	1.0	20	20	1.4:1	SMA	76 x 108 x 10
CDP0102U808T	1000-2000	0.8	20	20	1.25:1	SMA	63 x 108 x 10
CDP01040108T	1000-4000	1.2	20	20	1.35:1	SMA	63 x 108 x 10
CDP01030108R	1500-3000	1.0	20	10	1.25:1	SMA	58.4 x 121.9 x 15
CDP0204U808T	2000-4000	0.8	20	20	1.25:1	SMA	63 x 108 x 10
CDP02080108T	2000-8000	1.6	18	20	1.7:1	SMA	63 x 108 x 10
CDP02180308T	2000-18000	3.0	15	30	1.8:1	SMA	148.5 x 95 x 10
CDP04080108T	4000-8000	1.4	18	20	1.5:1	SMA	63 x 108 x 10
CDP04180208T	4000-18000	2.2	18	10	1.7:1	SMA	*
CDP06180208T	6000-18000	2.2	16	10	1.8:1	SMA	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
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
CDP04080112R	4000-8000	1.4	16	10	1.8:1	SMA	78.2 x 137.1 x 11



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CDP07120112R	7000-12400	1.8	12	10	2.0:1	SMA	60.9 x 137.1 x 11
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
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
CDP04080216R	4000-8000	2.0	18	10	1.55:1	SMA	73.7 x 178.8 x 11
CDP04080216T	4000-8000	2.0	18	50	1.5:1	SMA	63 x 217 x 10
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

Cavity:

Model Number	Frequency Range (MHz)	Insertion Loss (dB) Max.	Isolation (dB) Min.	Power Avg (W) Max.	VSWR Max.	Connector Type	Case Type (mm)
2-way							
CDPU8U9U102H	800-965	0.15	*	200	1.2:1	N-F	211 x 60
CDPU802U102S	800-2200	0.1	*	300	1.2:1	N-F	*
CDP0202U202S	2200-2500	0.2	*	300	1.2:1	N-F	*
CDP0102U102S	1700-2500	0.1	*	300	1.2:1	N-F	*
CDP0102U102H	1700-2500	0.15	*	200	1.2:1	N-F	106 x 60 x 25
3-way							
CDPU8U9U203H	800-965	0.2	*	200	1.2:1	N-F	235 x 60
CDPU802U103S	800-2200	0.1	*	300	1.2:1	N-F	*
CDPU802U203S	800-2500	0.2	20	300	1.2:1	SMA	*
CDP0202U203S	2200-2500	0.2	*	300	1.2:1	N-F	*
CDP0102U103S	1700-2500	0.1	*	300	1.2:1	N-F	*
CDP0102U103H	1700-2500	0.15	*	200	1.2:1	N-F	121 x 60 x 25
4-way							
CDPU8U9U304H	800-965	0.3	*	200	1.2:1	N-F	235 x 60
CDPU802U104S	800-2200	0.1	*	300	1.2:1	N-F	*
CDP0202U204S	2200-2500	0.2	*	300	1.2:1	N-F	*
CDP0102U104S	1700-2500	0.1	*	300	1.2:1	N-F	*
CDP0102U204H	1700-2500	0.25	*	200	1.2:1	N-F	121 x 60 x 25

OTHER FREQUENCIES AND DIVIDERS ARE ALSO AVAILABLE.

NOTES: * CONSULT THE FACTORY

CERNEX RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE.