

## 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 (MHz)	Insertion Loss (dB)	Isolation (dB)	Power Avg (W)	Amplitude Imbalance (dB)	Phase Imbalance (Degrees)	VSWR Max/Out	Connector	Case Type (mm)
<b>2-way</b>									
CDPV1U5U802R	10-500	0.8	20	1	+/-0.3	+/-4	1.5:1	SMA	25.4 x 36.6 x 10
CDPU3180202T▲	300-18000	2.8	16-18	-	+/-0.4	+/-5	1.5:1	SMA-F	11.5 x 1.7 x 0.5
CDPU4261902T▲	400-26500	1.9	16-17	-	+/-0.3	+/-4	1.5:1	SMA-F	6.2 x 1.04 x 0.5
CDPU5080102T▲	500-8000	1	16-18	-	+/-0.2	+/-3	1.4:1	SMA-F	6.2 x 1.04 x 0.5
CDPU501U302R	500-1000	0.3	20	10	+/-0.2	+/-2	1.35:1	SMA-F	*
CDPU501U702R	500-1000	0.7	6	10	0.2	2.0	2.0:1	SMA	77.8 x 11 x 9.6
CDPU501U302T	500-1000	0.35	20	30	+/-0.20	+/-2	1.20/1.15	SMA-F	54 x 28 x 10
CDPU502U502T	500-2000	0.50	20	30	+/-0.20	+/-2	1.25/1.2	SMA-F	54 x 28 x 10
CDPU504U502R	500-4000	0.5	20	10	+/-0.2	+/-4	1.3/1.2:1	SMA-F	38 x 76 x 9.6
CDPU506U802T	500-6000	0.8	18	30	+/-0.20	+/-3	1.40/1.30	SMA-F	*
CDPU5080102T	500-8000	1.0	18	30	+/-0.4	+/-5	1.5/1.4	SMA-F	150 x 25 x 10
CDPU5180102K	500-18000	1.5	19	10	0.3	6	1.45:1	3.5mm-F	197 x 25.4 x
CDPU5180102T▲	500-18000	1.5	16-18	-	0.3	+/-4	1.4:1	SMA-F	5.87 x 1.04 x 0.5
CDPU5260102K	500-26500	1.9	19	10	0.5	10	1.60:1	3.5mm-F	197 x 25.4 x
CDPU5260102T▲	500-26500	1.9	16-17	-	+/-0.4	+/-4	1.5:1	SMA-F	5.87 x 1.04 x 0.5
CDPU5400302T▲	500-40000	3.5	16	-	+/-0.5	+/-6	1.6:1	2.92mm-F	5.87 x 1.04 x 0.5
CDPU701U302R	750-1500	0.3	20	10	+/-0.2	+/-2	1.20:1	SMA-F	*
CDPU702U502LS	700-2700	0.5	20	30	+/-0.3	+/-3	1.30	SMA-F	56 x 52 x 14
CDPU702U502LN	700-2700	0.5	20	30	+/-0.3	+/-3	1.30	N-F	56 x 52 x 14
CDPU802U402T	800-2500	0.4	20	20	+/-0.20	+/-2	1.30/1.20	SMA-F	35 x 28 x 10
CDPU8U80302G	869-894	3.55	50	200	-	-	*	SMA	96.8 x 105 x 23



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CDPU9U90302G1	925-950	3.6	50	200	-	-	*	SMA	96.8 x 105 x 23
CDPU9U90302G2	935-960	3.55	50	100	-	-	*	SMA	96.8 x 105 x 23
CDPU9U90602G	935-960	6.8	50	400	-	-	*	SMA	216.9 x 175 x 24
CDP0101U502R	1000-1500	0.50	10	10	0.2	2.0	1.90/1.50	SMA	*
CDP0102U302T	1000-2000	0.35	20	30	+/-0.2	+/-2	1.20/1.15	SMA-F	28 x 28 x 10
CDP0102U302R	1000-2000	0.3	20	10	+/-0.2	+/-2.5	1.25:1	SMA-F	*
CDP0104U502T	1000-4000	0.5	20	30	+/-0.3	+/-2	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	+/-0.4	+/-6	1.45/1.35	SMA-F	*
CDP01180102T▲	1000-18000	1.2	16-18	-	+/-0.3	+/-3	1.4	SMA	3.75 x 1.04 x 0.5
CDP01180102K	1000-18000	1.2	19	10	0.3	6	1.45:1	3.5mm-F	105 x 25 x 13
CDP01260102K	1000-26500	1.6	21	10	0.5	10	1.6:1	3.5mm-F	105.4 x 25 x 13
CDP01260102T▲	1000-26500	1.6	16-18	-	+/-0.3	+/-4	1.5:1	SMA	3.75 x 1.04 x 0.5
CDP01400202T▲	1000-40000	2.2	10	-	0.6	+/-6	1.8/1.6	K-F	81 x 26 x 10
CDP01400302T▲	1000-40000	3	16	-	+/-0.5	+/-6	1.6:1	SMA	3.75x1.04x0.5
CDP01400202K	1000-40000	2.5	14	-	+/-0.6	+/-14	1.85/1.70	2.92mm-F	105.4 x 25.4 x 10
CDP0102U502R	1500-2000	0.50	10	10	0.2	2.0	1.70/1.50	SMA	*
CDP0103U302R	1500-3000	0.3	20	10	+/-0.2	+/-3	1.25:1	SMA-F	*
CDP01010302G1	1805-1880	3.65	50	100	-	-	*	SMA	96.8 x 105 x 29
CDP01010302G2	1805-1880	3.7	50	200	-	-	*	SMA	96.8 x 105 x 29
CDP01010302G	1900-1920	3.55	50	60	-	-	*	N-F	80 x 61 x 20
CDP0204U302R	2000-4000	0.3	20	10	+/-0.3	+/-3	1.30:1	SMA-F	*
CDP0204U302T	2000-4000	0.35	20	30	+/-0.20	+/-2	1.25/1.20	SMA-F	28 x 28 x 10
CDP0208U502R	2000-8000	0.50	17	10	0.2	3.0	1.50/1.40	SMA	*
CDP0208U602T	2000-8000	0.6	20	30	+/-0.30	+/-4	1.30/1.20	SMA-F	28 x 28 x 10
CDP0208U802K	2000-8000	0.8	19.5	-	0.25	5	1.45	SMA	-
CDP02180102T▲	2000-18000	1.20	16	30	+/-0.3	+/-5	1.50/1.50	SMA-F	*
CDP02180102K	2000-18000	1.1	19	10	0.3	6	1.45:1	3.5mm-F	57.2 x 25.4 x 13
CDP02260102K	2000-26500	1.4	18	10	0.5	10	1.6:1	3.5mm-F	57.2 x 25.4 x 13
CDP02260102T▲	2000-26500	1.2	16-17	-	+/-0.3	+/-4	1.6:1	SMA	1.79x1.04x0.5
CDP02400102T▲	2000-40000	1.8	16-17	-	+/-0.5	+/-4	1.6:1	SMA	1.79x1.04x0.5
CDO03400102K	3000-40000	1.9	14.5	-	0.5	8	1.90	K	-
CDP03450214T	3000-45000	2.10	14	-	0.5	10	2.30/1.80	SMA	-



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CDP03450202K	3000-45000	2.10	14	-	0.5	10	2.30/1.80	2.4mm-F	-
CDP0408U302R	4000-8000	0.50	18	10	+/-0.3	+/-3	1.5:1	SMA-F	*
CDP0408U502T	4000-8000	0.50	20	30	+/-0.3	+/-3	1.25/1.20	SMA-F	28 x 28 x 10
CDP0418U802T	4000-18000	0.8	18	30	+/-0.4	+/-5	1.5/1.5	SMA-F	36 x 24 x 10
CDP05500302E	5000-50000	3.0	15	5	-	-	1.7	2.4mm	43.2 x 26.9 x 12
CDP05600402E	5000-60000	4.0	15	5	-	-	1.8	1.85mm	43.2 x 26.9 x 12
CDP0618U802T	6000-18000	0.8	18	30	+/-0.4	+/-5	1.4	SMA-F	1.15x1.06x0.5
CDP0626U702R	6000-26500	0.75	17	1	+/-0.5	+/-15	1.65:1/1.5:1	SMA-F	25.4 x 11 x 9.6
CDP06260102T	6000-26500	1.2	17	-	+/-0.3	+/-4	1.5	SMA	1.15x1.06x0.5
CDP06400102R	6000-40000	1.0	15	10	+/-0.5	+/-15	2.0:1	K-F	25.4 x 11 x 9.6
CDP06400102T▲	6000-40000	1.5	16	-	+/-0.4	+/-5	1.6:1	SMA	1.15x1.06x0.5
CDP06400102K	6000-40000	1.90	14.5	-	0.5	8	1.90	K	-
CDP0712U702R	7000-12400	0.7	16	10	+/-0.3	+/-4	1.7:1	SMA	44.3 x 44.3 x 11
CDP0816U802R	8000-16000	0.8	15	10	0.3	4	1.7/1.6:1	SMA	77.8 x 11 x 9.6
CDP10260102T▲	10000-26500	1.2	18	-	+/-0.3	+/-4	1.5	SMA	1.15x1.06x0.5
CDP1026U802R	10000-26500	0.8	16	10	+/-0.5	+/-6	1.6:1	SMA-F	*
CDP1030U802R	10000-30000	0.8	16	10	+/-0.5	+/-8	1.6:1	K-F	11 x 22 x 9.9
CDP1030U802T	10000-30000	0.8	16	20	+/-0.5	+/-0.8	1.6:1	K-F	26.9 x 21.6 x 12
CDP10400102T▲	10000-40000	1.5	17	-	+/-0.3	+/-5	1.6:1	K	1.15x1.06x0.5
CDP10400102k	10000-40000	1.9	14.5	-	0.5	8	1.90	K	-
CDP1218U702R	12000-18000	0.7	16	10	+/-0.3	+/-5	1.4:1	SMA-F	44.3 x 44.3 x 11
CDP1618U902R	16000-18000	0.9	14	10	0.4	8	1.8/1.9:1	SMA	77.8 x 11 x 9.6
CDP18200102R	18000-20000	1.1	7	10	0.4	10	2.0:1	SMA	77.8 x 11 x 9.6
CDP18260102T▲	18000-26500	1.2	18	-	+/-0.3	+/-3	1.5:1	SMA	0.85x1.06x0.5
CDP18400102T▲	18000-40000	1.5	17	-	+/-0.3	+/-4	1.6:1	K	0.85x1.06x0.5
CDP18400102K	18000-40000	1.9	14.5	-	0.5	8	1.90	K	-
CDP26400102K	26000-40000	1.9	14.5	-	0.38	8	1.90	K	-
<b>3-way</b>									
CDPV1U50103R	10-500	1.0	18	1	+/-0.4	+/-4	1.5:1	SMA	25.4 x 47 x 10
CDPU501U303R	500-1000	0.3	18	10	+/-0.2	+/-2	1.5:1	SMA-F	71 x 55.9 x 15
CDPU5180203T▲	500-18000	2.3	16	-	+/-0.5	+/-5	1.45:!	SMA	10x1.75x0.5
CDPU701U303R	750-1500	0.3	18	10	+/-0.2	+/-2	1.5:1	SMA-F	58.4 x 45.7 x 15
CDPU802U603TN	800-2500	0.6	20	50	-	-	1.3:1	N-F	77 x 74 x 22



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CDP0102U303R	1000-2000	0.3	19	10	+/-0.25	+/-3	1.50:1	SMA-F	58 x 46 x 15
CDP0103U403R	1500-3000	0.4	19	10	+/-0.25	+/-4	1.5:1	SMA-F	50.8 x 36.6 x 11
CDP0204U603T	2000-4000	0.6	18	30	+/-0.3	-	1.30/1.30	SMA-F	*
CDP0204U503R	2000-4000	0.5	19	10	+/-0.3	+/-5	1.5:1	SMA-F	47.8 x 36.6 x 11
CDP02080103T	2000-8000	1.3	18	30	+/-0.8	-	1.4/1.30	SMA-F	*
CDP0408U503R	4000-8000	0.5	16	10	+/-0.3	+/-5	1.6:1	SMA	47.8 x 36.6 x 11
CDP0712U603R	7000-12400	0.6	16	10	+/-0.4	+/-5	1.8:1	SMA-F	30.4 x 36.6 x 11
CDP08180103T	8000-18000	1.2	18	30	+/-0.6	+/-6	1.6/1.5	SMA-F	32 x 39 x 10
CDP12180103R	12000-18000	1.0	10	10	+/-0.5	+/-8	1.8:1	SMA-F	30.4 x 36.6 x 11
CDP18260403T▲	18000-26500	1.4	18	-	+/-0.5	+/-5	1.6:1	SMA	1.35x1.7x0.5
CDP18400203T▲	18000-40000	2.1	16	-	+/-0.7	+/-8	1.8:1	SMA	1.35x1.7x0.5
<b>4-way</b>									
CDPV1U50104R	10-500	1.5	20	1	+/-0.4	+/-4	1.5:1	SMA	25.4 x 58.9 x 10
CDPU3180704T▲	300-18000	7.5	18	-	+/-0.4	+/-4	1.5:1	SMA	13.2x2.8x0.5
CDPU3261104T▲	300-26500	11	16	-	+/-0.5	+/-6	1.5:1	SMA	13.2x2.8x0.5
CDPU4080204T▲	400-8000	2	16-18	-	+/-0.4	+/-4	1.5:1	SMA	13.2x2.8x0.5
CDPU4180404T▲	400-18000	4	16-18	-	+/-0.5	+/-6	1.6:1	SMA	6.8x2.95x0.5
CDPU4260504T▲	400-26500	5.4	16-17	-	+/-0.5	+/-7	1.65:1	SMA	6.8x2.95x0.5
CDPU501U604R	500-1000	0.6	20	10	+/-0.2	+/-3	1.20:1	SMA-F	*
CDPU5010104R	500-1000	1.6	5	10	+/-0.20	+/-1.0	3.0/1.8:1	SMA	50.8 x 76.2 x 9.6
CDPU501U604T	500-1000	0.6	20	30	+/-0.3	+/-3	1.25/1.20	SMA-F	76 x 56 x 10
CDPU5020104T	500-2000	1.0	20	30	+/-0.3	+/-3	1.30/1.20	SMA-F	76 x 56 x 10
CDPU5020104T1	500-2500	1.0	16	30	+/-0.4	+/-0.5	1.4/1.3	N-F	102 x 100 x 22
CDPU5040104R	500-4000	1.1	20	10	+/-0.2	+/-4	1.4/1.3:1	SMA-F	58 x 106 x 9.6
CDPU5060104T	500-6000	1.8	16	30	+/-0.4	+/-8	1.60/1.50	SMA-F	*
CDPU5080204T▲	500-8000	2	16-18	30	+/-0.4	+/-4	1.5/1.4	SMA-F	6.24x2.95x0.5
CDPU5180304K	500-18000	4.0	16	10	1.0	10	1.7/1.5:1	3.5mm-F	203.4 x 66 x 13
CDPU5180404T▲	500-18000	4.0	16	30	+/-0.5	+/-8	1.7/1.5	SMA-F	154 x 72 x 10
CDPU5260504T	500-26500	5.2	16	-	+/-0.4	+/-6	1.6:1	SMA	6.24x2.95x0.5
CDPU5260404K	500-26500	4.3	16	10	1.2	15	1.8/1.7:1	3.5mm-F	203 x 66 x 13
CDPU5400704T	500-40000	7.5	16	-	+/-0.5	+/-7	1.7	K	6.24x2.95x0.5
CDPU701U604R	750-1500	0.6	20	10	+/-0.2	+/-3	1.20:1	SMA-F	*
CDPU702U804LS	700-2700	0.8	20	30	+/-0.4	+/-4	1.30	SMA-F	88 x 86 14



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CDPU702U804LN	700-2700	0.8	20	30	+/-0.4	+/-4	1.30	N-F	88 x 86 14
CDPU802U704T	800-2500	0.7	20	30	+/-0.3	+/-6	1.30/1.20	SMA-F	56.7 x 50.7 x 10
CDP0102U604R	1000-2000	0.6	10	10	0.2	+/-1.0	1.7/1.5	SMA	*
CDP0102U604T	1000-2000	0.6	20	30	+/-0.3	+/-3	1.30/1.20	SMA-F	43 x 56 x 10
CDP0104U804T	1000-4000	0.8	20	30	+/-0.3	+/-4	1.30/1.20	SMA-F	43 x 56 x 10
CDP01120204T ▲	1000-12400	2.8	16	30	+/-0.5	+/-7	1.6/1.35	SMA-F	*
CDP01180204T	1000-18000	2.9	14	30	+/-0.8	+/-10	1.8/1.6	SMA-F	*
CDP01180204K	1000-18000	3.0	16	10	0.8	10	1.7/1.5:1	3.5mm-F	114.3 x 66 x
CDP01260304K	1000-26500	3.0	16	10	1.0	15	1.9/1.7:1	3.5mm-F	114.3 x 66 x
CDP01260204T ▲	1000-26500	2.8	17	-	+/-0.5	+/-4	1.6	SMA	5.2x2.04x0.5
CDP01407004T ▲	1000-40000	7.0	15	20	+/-0.5	+/-7	1.7	2.4mm-F	110.5
CDP01400504T ▲	1000-40000	5.0	17	-	+/-0.6	+/-5	1.7	K	5.2x2.04x0.5
CDP0103U604R	1500-3000	0.6	20	10	+/-0.2	+/-5	1.25:1	SMA-F	*
CDP0204U604R	2000-4000	0.6	20	10	+/-0.2	+/-5	1.30:1	SMA-F	*
CDP0204U604T	2000-4000	0.6	20	30	+/-0.3	+/-3	1.30/1.20	SMA-F	43 x 56 x 10
CDP0206U504R	2000-6000	0.5	17	10	+/-0.2	+/-1	1.5/1.3:1	SMA	50.8 x 76.2 x 9.6
CDP02080104T	2000-8000	1.2	17	30	+/-0.4	+/-5	1.40/1.35	SMA-F	*
CDP02180104K	2000-18000	2.0	16	10	0.6	10	1.7/1.5:1	3.5mm-F	117 x 51 x 13.2
CDP02180204T	2000-18000	2.2	16	30	+/-0.6	+/-10	1.65/1.60	SMA-F	64 x 69 x 10
CDP02260204T ▲	2000-26500	2.7	17	-	+/-0.4	+/-5	1.6	SMF	3.12x2.03x0.5
CDP02260204K	2000-26500	2.3	16	10	1.0	15	1.9/1.7:1	3.5mm-F	117 x 51 x 13.2
CDP02400404T ▲	2000-40000	4.5	16	-	+/-0.5	+/-6	1.7	K-F	3.12x2.03x0.5
CDP03400304K	3000-40000	3.0	13	-	0.5	11	1.90	K	-
CDP0408U504R	4000-8000	0.5	19	10	+/-0.4	+/-5	1.40:1	SMA-F	*
CDP0408U804T	4000-8000	0.8	20	30	+/-0.3	+/-3	1.30/1.25	SMA-F	43 x 56 x 10
CDP04180104T	4000-18000	1.6	17	30	+/-0.5	+/-8	1.6/1.5	SMA-F	60 x 50.5 x 10
CDP0616U904R	6000-16000	0.9	16	10	+/-0.3	+/-5	1.7/1.35:1	SMA	50.8 x 76.2 x 9.6
CDP06180104T	6000-18000	1.3	18	30	+/-0.5	+/-8	1.6/1.5	SMA-F	45 x 50.5 x 10
CDP06260104T ▲	6000-26500	1.9	16	-	+/-0.3	+/-3	1.6	SMA	1.5x2.75x0.5
CDP06400104R	6000-40000	1.6	15	10	+/-0.5	+/-15	2.0:1	K-F	45 x 35 x 9.6
CDP06400204T ▲	6000-40000	2.5	16	20	+/-0.7	+/-8	1.6:1	K-F	52.3 x 38.1 x 12.7
CDP0712U804R	7000-12400	0.8	17	10	+/-0.4	+/-5	1.35:1	SMA	44.7 x 44.7 x 11
CDP10260104R	10000-26500	1.6	16	10	+/-0.6	+/-8	1.8:1	SMA	*
CDP10260104T ▲	10000-26500	1.9	18	-	+/-0.4	+/-3	1.6	SMA	1.5x2.75x0.5
CDP10300104R	10000-30000	1.6	16	10	+/-0.6	+/-10	1.8:1	K-F	44.7 x 30.5 x 9.9



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CDP10400204T ▲	10000-40000	2.5	16	-	+/-0.5	+/-4	1.65	SMA	1.5x2.75x0.5
CDP1218U804R	12000-18000	0.8	17	10	+/-0.5	+/-5	1.50:1	SMA	44.7 x 44.7 x 11
CDP16180104R	16000-18000	1.2	15	10	+/-0.3	+/-6	1.7/1.5:1	SMA	50.8 x 76.2 x 9.6
CDP18260104T ▲	18000-26500	1.7	18	-	+/-0.4	+/-3	1.6	SMA	1.5x2.06x0.5
CDP18400204T ▲	18000-40000	2.3	17	-	+/-0.5	+/-4	1.7	K	1.5x2.06x0.5
<b>6-way</b>									
CDPV1U50106R	10-500	1.75	19	1	+/-0.5	+/-8	1.5:1	SMA	31.75 x 81 x 10
CDPU501U506R	500-1000	0.55	19	10	+/-0.3	+/-4	1.5:1	SMA-F	86.4 x 101 x 15
CDPU701U506R	750-1500	0.55	19	10	+/-0.3	+/-4	1.5:1	SMA-F	73.7 x 91.4 x 15
CDPU8180406T ▲	800-18000	4.0	16	-	+/-0.8	+/-8	1.4:1	SMA	6.5x3.05x0.5
CDP0102U506R	1000-2000	0.55	19	10	+/-0.3	+/-5	1.5:1	SMA-F	73.7 x 91.4 x 15
CDP0103U606R	1500-3000	0.65	19	10	+/-0.35	+/-5	1.5:1	SMA	66 x 70 x 11
CDP0204U706R	2000-4000	0.7	19	10	+/-0.35	+/-6	1.5:1	SMA-F	63 x 70 x 11
CDP02041006T	2000-4000	1.0	20	30	+/-0.4	+/-6	1.4/1.3	SMA-F	78 x 63 10
CDP02080106T	2000-8000	1.6	17	30	+/-1.0	+/-8	1.4/1.3	SMA-F	*
CDP02180206P	2000-18000	2.5	15	30	+/-0.8	+/-10	2.0:1	SMA-F	4 x 6 x 0.40 in
CDP0408U906R	4000-8000	0.9	16	10	+/-0.4	+/-8	1.6:1	SMA-F	63 x 70 x 11
CDP0712U906R	7000-12400	0.9	16	10	+/-0.5	+/-8	1.8:1	SMA-F	82 x 70 x 11
CDP12180106R	12000-18000	1.4	16	10	+/-0.6	+/-8	2.0:1	SMA-F	82 x 70 x 11
CDP18260106T ▲	18000-26500	1.6	17	-	+/-0.4	+/-5	1.6:1	SMA-F	2.25x3.5x0.5
CDP18400206T ▲	18000-40000	2.1	16	-	+/-0.5	+/-6	1.7:1	K-F	2.25x3.5x0.5
<b>8-way</b>									
CDPV1U50208R	10-500	2.0	17	1	+/-0.6	+/-10	1.5:1	SMA	31 x 104 x 10
CDPU5010108R	500-1000	1.0	20	10	+/-0.20	+/- 1.0	3.0/2.0	SMA	106.7 x 121 x 15
CDPU5010208R	500-1000	2.0	5	10	+/-0.2Max	+/-1.0	3.0/2.0	SMA	*
CDPU5020108T	500-2000	1.5	20	30	+/-0.4	+/-4	1.4/1.3	SMA-F	103 x 108 x 10
CDPU5040108R	500-4000	1.6	20	10	+/-0.25	+/-5	1.5/1.4:1	SMA-F	109 x 153.6 x 9
CDPU5060208T	500-6000	2.8	16	30	+/-0.3	+/-8	1.6/1.5	SMA-F	*
CDPU5080508T ▲	500-8000	5.8	16-18	-	+/-0.4	+/-4	1.5:1	SMA-F	6.4x5.8x0.5
CDPU5180608T ▲	500-18000	6.7	16-18	-	+/-0.4	+/-5	1.5:1	SMA-F	6.4x5.8x0.5
CDPU5181608P	500-18000	6.5	16	30	+/-1.2	+/-15	1.6/1.6	SMA-F	*
CDPU5260708T ▲	500-26500	7.7	16-17	-	+/-0.5	+/-5	1.6:1	SMA-F	6.4x5.8x0.5
CDPU5401008T ▲	500-40000	10.4	16	-	+/-0.6	+/-6	1.7:1	K	6.4x5.8x0.5
CDPU8020108T	800-2500	1.2	20	30	+/-0.5	+/-8	1.4/1.25	SMA-F	108 x 75 x 10



## Power Dividers/Combiners

Model Number	Frequency (MHz)	Insertion Loss (dB)	Isolation (dB)	Power Avg (W)	Amplitude Imbalance (dB)	Phase Imbalance (Degrees)	VSWR Max/Out	Connector	Case Type (mm)
CDPU701U908R	750-1500	0.9	20	10	+/-0.4	+/-4	1.2:1	SMA	73.7 x 121 x 15
CDPU7020108LS	700-2700	1.2	20	30	+/-0.5	+/-5	1.6	SMA-F	
CDPU8020108LN	800-2500	1.2	20	30	+/-0.5	+/-5	1.5	N-F	180x 80x 22
CDP0102U908R	1000-2000	0.9	20	10	+/-0.4	+/-4	1.25:1	SMA-F	*
CDP01020108T	1000-2000	1.0	20	30	+/-0.4	+/-5	1.30/1.20	SMA-F	63 x 108 x 10
CDP0102U708R	1000-2500	0.7	10	10	+/-0.2	+/-2	1.80/1.50	SMA	*
CDP01040108T	1000-4000	1.5	20	30	+/-0.4	+/-4	1.40/1.30	SMA-F	63 x 108 x 10
CDP01030208R	1000-3000	2.4	16	10	+/-0.7	+/-14	2.0:1	K-F	
CDP01180508K	1000-18000	5.5	17	-	1.0	15	2.10/1.75	SMA	-
CDP01180508T▲	1000-18000	5.1	16	-	+/-0.4	+/-5	1.6	SMA	4.3x5.4x0.5
CDP01260508T▲	1000-26500	5.8	16	-	+/-0.4	+/-5	1.75	SMA	4.3x5.4x0.5
CDP0103U908R	1500-3000	0.9	20	10	+/-0.4	+/-6	1.25:1	SMA	58.4 x 121 x 15
CDP0204U908R	2000-4000	0.9	20	10	+/-0.4	+/-6	1.30:1	SMA-F	*
CDP0204U908T	2000-4000	0.9	20	30	+/-0.4	+/-5	1.30/1.20	SMA-F	63 x 108 x 10
CDP02080108T▲	2000-8000	1.8	17	30	+/-0.7	+/-7	1.65/1.35	SMA-F	63 x 108 x 10
CDP02180308T	2000-18000	3.5	15	30	+/-0.8	+/-10	1.85/1.60	SMA-F	148.5 x 95 x 10
CDP02180508K	2000-18000	5.5	17	-	1.0	15	2.00/1.75	SMA	-
CDP02260408T	2000-26500	4.1	16	-	+/-0.4	+/-5	1.7	SMA	3.5x5.2x0.5
CDP0206U808R	2500-6000	0.8	17	10	+/-2	+/-4	1.6/1.5	SMA	*
CDP0408U808R	4000-8000	0.8	18	10	+/-0.4	+/-6	1.35:1	SMA-F	*
CDP04080108T	4000-8000	1.2	18	30	+/-0.4	+/-4	1.5/1.25	SMA-F	63 x 108 x 10
CDP04180208T	4000-18000	2.5	15	30	+/-0.6	+/-10	1.80/1.50	SMA-F	*
CDP06160108R	6000-16000	1.4	15	10	+/-0.3	+/-8	1.70/1.50	SMA	*
CDP06180208T	6000-18000	2.1	17	30	+/-0.8	+/-10	1.8/1.5	SMA-F	57.5 x 101 x 10
CDP06260208T▲	6000-26500	2.6	16	-	+/-0.4	+/-4	1.6	SMA	1.95x4.3x0.5
CDP06400308T▲	6000-40000	3.4	16	-	+/-0.5	+/-5	1.7	SMA	1.95x4.3x0.5
CDP07120108T	7000-12400	1.0	18	30	+/-0.3	+/-5	1.7/1.5	SMA-F	57.5 x 101.5 x 5
CDP07120108R	7000-12400	1.3	16	10	+/-0.4	+/-6	1.35:1	SMA	63.5 x 132 x 15
CDP10260208R	10000-26500	2.4	16	10	+/-0.7	+/-10	2.0:1	SMA	*
CDP10260208T▲	10000-26500	2.6	16	-	+/-0.4	+/-4	1.6	SMA	1.95x4.3x0.5
CDP10300208R	10000-30000	2.4	16	10	+/-0.7	+/-14	2.0:1	SMA	89.4 x 41.4 x 9.9
CDP10400308T▲	10000-40000	3.4	16	-	+/-0.5	+/-5	1.7	K	1.95x4.3x0.5
CDP12180108R	12000-18000	1.5	15	10	+/-0.4	+/-6	1.7:1	SMA	63.5 x 121 x 11
CDP16180108R	16000-18000	1.7	14	10	+/-0.4	+/-10	1.8/1.6	SMA	*



## Power Dividers/Combiners

Model Number	Frequency (MHz)	Insertion Loss (dB)	Isolation (dB)	Power Avg (W)	Amplitude Imbalance (dB)	Phase Imbalance (Degrees)	VSWR Max/Out	Connector	Case Type (mm)
CDP18260208T ▲	18000-26500	2.4	18	-	+/-0.4	+/-4	1.6	SMA	1.85x4.2x0.5
CDP18400308T ▲	18000-40000	3.4	16	-	+/-0.5	+/-5	1.7	K	1.85x4.2x0.5
<b>9-way</b>									
CDPU501U609R	500-1000	0.6	19	10	+/-0.3	+/-5	1.5:1	SMA-F	139.7 x 147.3 x
CDPU701U609R	750-1500	0.6	19	10	+/-0.3	+/-5	1.5:1	SMA-F	114.3 x 137.1 x
CDP0102U609R	1000-2000	0.6	19	10	+/-0.3	+/-6	1.6:1	SMA-F	114.3 x 137.1 x
CDP0103U709R	1500-3000	0.75	19	10	+/-0.4	+/-6	1.6:1	SMA-F	99 x 103.6 x 11
CDP0204U909R	2000-4000	0.9	18	10	+/-0.5	+/-7	1.8:1	SMA-F	95.2 x 103.6 x
CDP04080109R	4000-8000	1.0	16	10	+/-0.5	+/-10	1.8:1	SMA-F	95.2 x 103.6 x
CDP07120109R	7000-12400	1.4	12	10	+/-0.7	+/-10	2.0:1	SMA-F	60.9 x 103.6 x
CDP12180109R	12000-18000	1.8	10	10	+/-0.9	+/-10	2.0:1	SMA-F	60.9 x 103.6 x
<b>12-way</b>									
CDPU501U812R	500-1000	0.85	19	10	+/-0.45	+/-6	1.5:1	SMA-F	101.6 x 193 x
CDPU701U812R	750-1500	0.85	19	10	+/-0.45	+/-6	1.5:1	SMA-F	88.9 x 182.9 x
CDP0102U812R	1000-2000	0.85	19	10	+/-0.45	+/-7	1.6:1	SMA-F	88.9 x 182.9 x
CDP01030112R	1500-3000	1.0	19	10	+/-0.5	+/-7	1.6:1	SMA-F	81.2 x 137.1 x
CDP02040112R	2000-4000	1.0	19	10	+/-0.5	+/-8	1.8:1	SMA-F	78.2 x 137.1 x
CDP02080212T	2000-8000	2.5	16	30	+/-1.0	+/-7	1.6/1.4	SMA-F	88 x 159 x 10
CDP04080112R	4000-8000	1.2	16	10	+/-0.7	+/-9	1.8:1	SMA-F	78.2 x 137.1 x
CDP07120112R	7000-12400	1.6	16	10	+/-0.9	+/-10	1.8:1	SMA-F	60.9 x 137.1 x
CDP08180212T	8000-18000	2.5	14	30	+/-1.0	+/-10	1.8/1.5	SMA-F	*
CDP12180212R	12000-18000	2.0	14	10	+/-1.2	+/-10	2.0:1	SMA-F	60.9 x 137.1 x
<b>16-way</b>									
CDPU5010116R	500-1000	1.2	20	10	+/-0.4	+/-5	1.25:1	SMA-F	121.9 x 243 x 15
CDPU7010116R	750-1500	1.2	20	10	+/-0.4	+/-5	1.25:1	SMA-F	88.9 x 243 x 15
CDPU8020116T	800-2500	1.7	18	30	+/-0.4	+/-8	1.50/1.30	SMA-F	212 x 104 x 12
CDP01020116R	1000-2000	1.2	20	10	+/-0.4	+/-6	1.3:1	SMA-F	88.9 x 243 x 15
CDP01030116R	1500-3000	1.2	20	10	+/-0.4	+/-8	1.3:1	SMA-F	73.7 x 243 x 15
CDP02040116R	2000-4000	1.5	20	10	+/-0.4	+/-8	1.35:1	SMA-F	73.7 x 178.x 11
CDP02040116T	2000-4000	1.8	18	30	-	-	1.8:1.6	SMA-K	63x217x10
CDP02041216T	2000-4000	1.2	18	30	+/-0.5	+/-6	1.5/1.3	SMA-F	212 x 67 x 10
CDP04080116R	4000-8000	1.1	19	10	+/-0.4	+/-8	1.40:1	SMA-F	73.7 x 178 x 11
CDP06180316T ▲	6000-18000	3.5	18	-	+/-0.6	+/-8	1.6	SMA	8.8X1.95X0.5
CDP06260416T ▲	6000-26500	4	16	-	+/-0.7	+/-8	1.7	SMA	8.8X1.95X0.5
CDP06400516T ▲	6000-40000	5.1	16	-	+/-0.8	+/-9	1.8	K	8.8X1.95X0.5
CDP07120116R	7000-12400	1.7	16	10	+/-0.4	+/-8	1.40:1	SMA-F	78.7 x 178 x 11
CDP10260416T ▲	10000-26500	4	17	-	+/-0.6	+/-6	1.7	SMA	8.8x1.95x0.5
CDP10400416T ▲	10000-40000	4.9	16	-	+/-0.6	+/-8	1.8	K	8.8x1.95x0.5





## Power Dividers/Combiners

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CDP12180316R	12000-18000	3.0	15	10	+/-0.6	+/-12	2.05:1	SMA-F	78.7 x 178 x 11
CDP18260316T▲	18000-26500	3.6	18	-	+/-0.5	+/-6	1.6	SMA	8.3x1.45x0.5
CDP18400516T▲	18000-40000	5	17	-	+/-0.6	+/-7	1.8	K	8.3x1.45x0.5

### ▲ Removable Connector

OTHER FREQUENCIES AND DIVIDERS ARE ALSO AVAILABLE.

NOTES: \* CONSULT THE FACTORY

\*\* Y-SHAPE

CERNEX RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT NOTICE.