

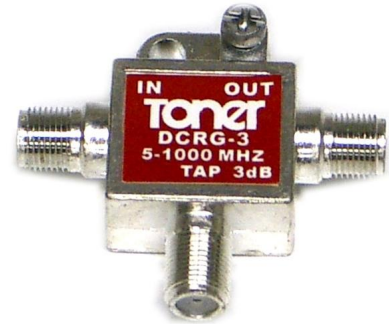
1 GHz Directional Coupler Taps

DCWRG-*

Right Angle (Wall Plate Type)

DCRG-*

Horizontal (T Type)



DCWRG / DCRG SPECIFICATIONS

TAP VALUE		3	6	9	12	16	20	24	27	30
INSERTION LOSS (Maximum)	5-15 MHz	3.6	2.5	1.4	0.9	0.8	0.7	0.7	0.7	0.7
	15-40 MHz	3.6	2.5	1.4	0.8	0.8	0.7	0.7	0.7	0.7
	40-550 MHz	3.6	2.5	1.4	0.8	0.8	0.7	0.7	0.7	0.7
	550-1000 MHz	3.9	2.7	2.2	1.5	1.2	1.2	1.2	1.2	1.2
TAP LOSS	5-15 MHz	±1.0	±0.8	±0.8	±0.8	±0.8	±0.8	±0.8	±0.8	±0.8
	15-40 MHz	±1.0	±0.8	±0.8	±0.8	±0.8	±0.8	±0.8	±0.8	±0.8
	40-550 MHz	±1.0	±0.8	±0.8	±0.8	±0.8	±0.8	±0.8	±0.8	±0.8
	550-1000	±1.2	±1.2	±1.2	±1.2	±1.2	±1.2	±1.2	±1.2	±1.2
ISOLATION (Minimum)	5-15 MHz	35	30	30	30	40	42	45	50	50
	15-40 MHz	40	35	35	35	35	37	38	38	38
	40-550 MHz	30	26	28	30	32	33	35	38	38
	550-1000 MHz	30	24	27	27	30	32	32	35	35
RETURN LOSS INPUT (Minimum)	5-15 MHz	25	25	22	20	25	25	25	25	25
	15-40 MHz	25	25	22	25	25	25	25	25	25
	40-550 MHz	22	20	20	20	20	20	20	20	20
	550-1000 MHz	22	20	20	20	20	20	20	20	20
RETURN LOSS OUT & TAP (Minimum)	5-15 MHz	25	22	22	20	25	30	30	30	30
	15-40 MHz	30	22	22	28	30	30	30	30	30
	40-550 MHz	22	20	20	22	22	22	22	22	22
	550-1000 MHz	22	18	20	20	20	20	20	20	20

Bandwidth: 5-1000 MHz

Impedance: 75 ohms

RFI: -100 dB

1 GHz Directional Coupler Taps

DCWRG2-*

Two Port Right Angle (Wall Plate Type)



DCWRG2 SPECIFICATIONS

TAP VALUE		9	12	16	20	24	27	30
INSERTION LOSS (Maximum)	5-15 MHz	2.5	1.4	1.0	1.0	1.0	1.0	1.0
	15-40 MHz	2.5	1.6	1.0	1.0	1.0	1.0	1.0
	40-550 MHz	2.5	1.6	1.0	1.2	1.2	1.2	1.2
	550-1000 MHz	3.0	2.2	1.5	1.5	1.5	1.5	1.5
TAP LOSS	5-15 MHz	±1.5	±1.5	±0.7	±0.7	±0.7	±0.7	±0.7
	15-40 MHz	±1.5	±1.0	±0.7	±0.7	±0.7	±0.7	±0.7
	40-550 MHz	±1.0	±1.0	±1.0	±1.0	±1.0	±1.0	±1.0
	550-1000	±1.5	±1.5	±1.5	±1.5	±1.5	±1.5	±1.5
ISOLATION (Minimum)	5-15 MHz	24	28	26	30	30	30	30
	15-40 MHz	27	30	30	30	30	30	30
	40-550 MHz	27	27	28	30	30	30	30
	550-1000 MHz	27	27	28	30	30	30	30
RETURN LOSS INPUT (Minimum)	5-15 MHz	22	22	25	25	25	25	25
	15-40 MHz	22	22	26	25	25	25	25
	40-550 MHz	18	20	20	20	20	20	20
	550-1000 MHz	18	20	20	20	20	20	20
RETURN LOSS OUT & TAP (Minimum)	5-15 MHz	22	22	22	25	25	25	25
	15-40 MHz	22	22	30	25	25	25	25
	40-550 MHz	18	20	20	20	20	20	20
	550-1000 MHz	18	20	20	20	20	20	20