

## Outdoor 1.2GHz Directional couplers



Model: GTR-DC-108  
1-way



Model: GTR-DC-208  
2-way

1-way and 2-way directional couplers with different dB values, featured with high shielding, water-proof aluminium-alloy housing. They are available in both Regal style and SA style per customer requirements.

### Features

- Bandwidth expanded up to 1218MHz
- Power passing: 15A, 60/90VAC
- Waterproof condition: 15 PSI
- Aluminium-alloy housing with weather resistant PU coating
- High shielding, Class A+
- Hum modulation: 65dB @ 7A/90VAC
- Surge protection: 6KV 1.2/50µs
- Female connectors are 5/8"-24UNEF
- Support aerial or pedestal installation
- Operating Temperature: -40°C...+60°C;
- Both Regal and SA style are available

Model	108	110	112	114	116	120
<b>Insertion Loss(dB) IN-OUT(Max)</b>						
10-65MHz	1.7	1.6	1.3	1.2	1.1	1.0
65-300MHz	1.8	1.8	1.3	1.3	1.2	1.1
300-550MHz	2.0	2.0	1.6	1.6	1.5	1.4
550-750MHz	2.4	2.3	2.0	1.8	1.7	1.6
750-1000MHz	3.0	2.8	2.4	2.1	2.2	1.8
1000-1218MHz	3.5	3.3	2.7	2.6	2.5	2.2
<b>Tap Loss(dB) IN-TAP</b>						
10-600MHz	8.0	10.0	12.0	14.0	16.0	20.0
600-1218MHz	8.0	10.0	12.0	14.0	16.0	20.0
<b>Isolation(dB) OUT-TAP(Min)</b>						
10-65MHz	18	19	20	20	21	25
65-300MHz	25	26	26	27	28	28
300-550MHz	24	24	26	27	28	28
550-750MHz	21	23	24	25	25	26
750-1000MHz	20	22	22	23	23	23
1000-1218MHz	18	20	20	20	20	20
<b>Return Loss(dB) ALL PORTS(Min)</b>						
10-65MHz	16	16	16	16	16	16
65-300MHz	16	16	16	16	16	16
300-550MHz	16	16	16	16	16	16
550-750MHz	16	16	16	16	16	16
750-1000MHz	16	16	16	16	16	16
1000-1218MHz	16	16	16	16	16	16