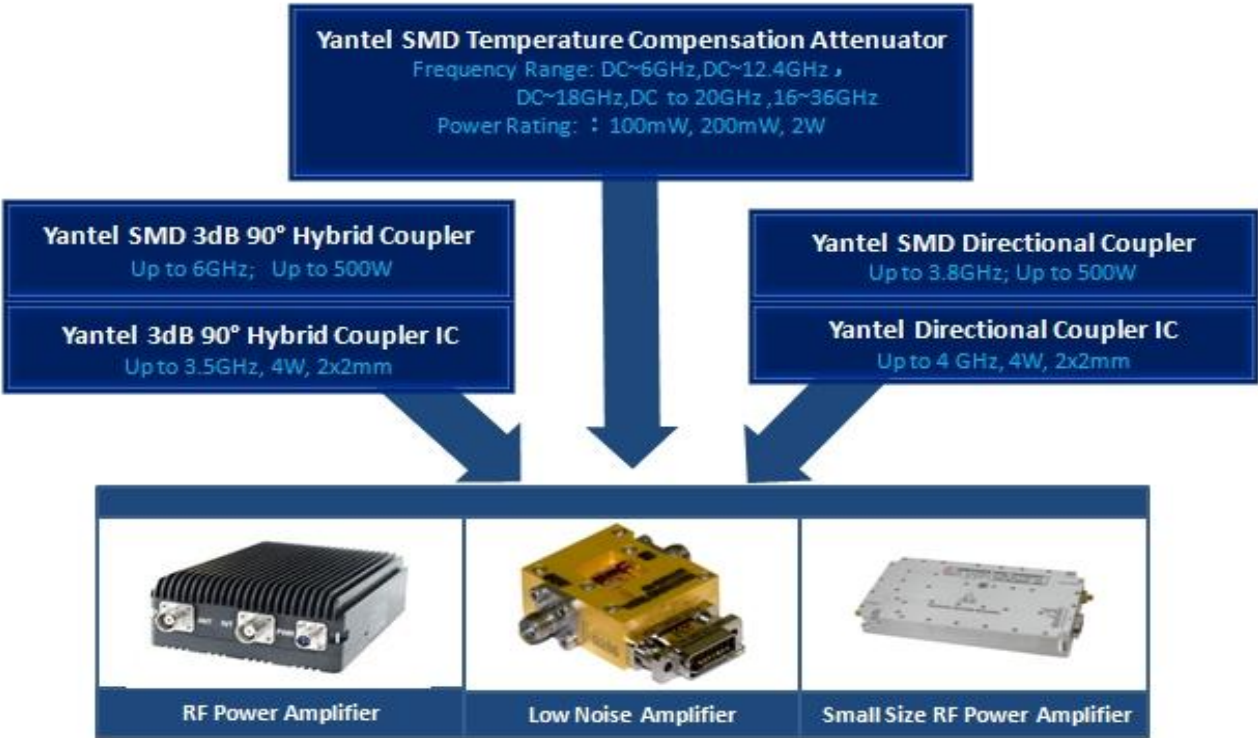
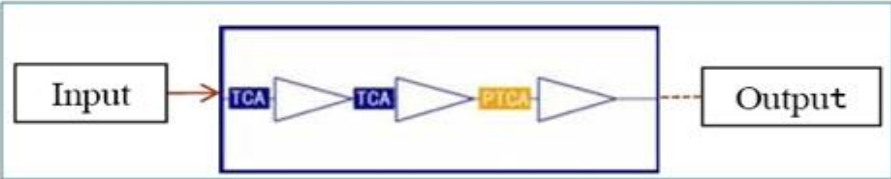


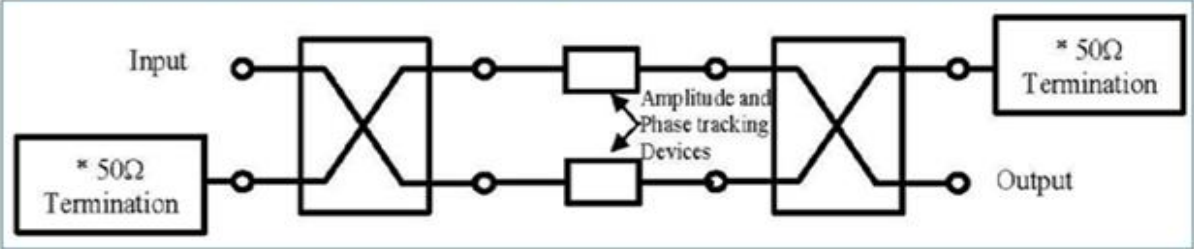
- Yantel SMD Temperature Compensation Attenuator, 3dB 90 °Hybrid Coupler, Directional Coupler applied to power amplifier, LNA etc.

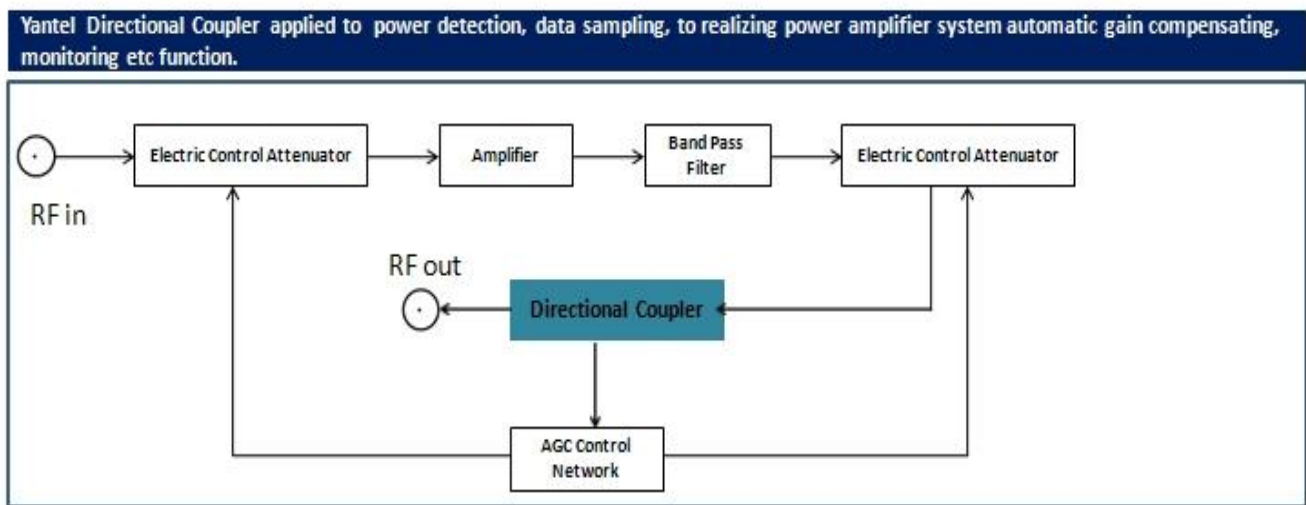


Yantel Temperature Compensation Attenuator applied to penultimate stage of multi-stage power amplifier



Yantel 3dB 90° Hybrid Coupler applied to 2 way divider and combiner network in power amplifier





Cost Advantage

- The cost of Yantel's SMD Temperature Compensation Attenuator, 3dB 90 °Hybrid Coupler, Directional Coupler is lower around 40% than the one of other manufacturers

Performance Advantage

- Yantel SMD Temperature Compensation Attenuator

- Wider attenuation range
- Lower VSWR
- Higher Attenuation Accuracy
- Bigger Attenuation Variation

- Yantel 3dB 90 °Hybrid Coupler, Directional Coupler

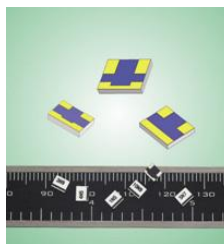
- Low Loss & Low VSWR
- Good Repeatability

2. Yantel SMD Temperature Compensation Attenuator

Advanced thick film technology adopted, size & terminal & temperature slope compatible, most complete serialization of designs and low cost, broke 10 years' monopoly.

Features:

- Frequency range: DC to 6GHz, DC to 12.4GHz, DC to 18GHz, DC to 20GHz, 16~36GHz
- Power rating: 100mW, 200mW, 2W
- Impedance: 50Ω or 75Ω
- Operating temperature: -55℃ to +150℃
- Adopting 100% laser trimming, high attenuation accuracy.
- High reliability. Adopting advanced thick film technology through firing at the high temperature of 850 ℃.



Zero Distortion, and no phase changes and time delay caused by temperature variation

- Low cost and small size. It can be easily designed in RF power amplifier to replace AGC loop circuit, which is easy for the regeneration of RF circuit.

Product Series:

TCA Series.....	DC~6GHz,2W,50 Ohms
STCA Series.....	DC~6GHz,100mW,50 Ohms ,
MTCA Series.....	DC~12.4GHz,200mW,50 Ohms
HTCA Series.....	DC~18GHz,200mW,50 Ohms
WTCA Series.....	DC~20GHz,50 Ohms
KTCA Series.....	16~36GHz,50 Ohms
BTCA Series.....	DC~6GHz,2W,75 Ohms
BSTCA Series.....	DC~3GHz,100mW,75 Ohms

More details, please click website: http://www.yantel-corp.com/en/products/products1_165.html

3. Yantel SMD 3dB 90 °Hybrid Coupler & SMD Directional Coupler:

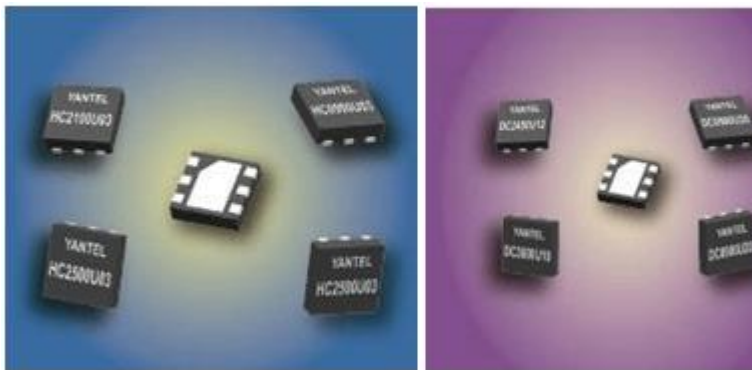


Features:

- Low profile, low cost high performance
- Low Loss & Low VSWR
- High isolation
- Excellent amplitude & phase balance
- Excellent repeatability
- Tape & Reel

More details, please click website: http://www.yantel-corp.com/en/products/products1_164.html
http://www.yantel-corp.com/en/products/products1_163.html

4. Yantel 3dB 90 °Hybrid Coupler IC & Directional Coupler IC:



Features:

- Built with leading edge RFIC design technology
- Low Loss & Low VSWR
- High isolation
- Excellent amplitude & phase balance
- Ultra small size:2.0 x 2.0 mm
- Excellent repeatability
- Tape & Reel

More details, please click website: http://www.yantel-corp.com/en/products/products1_180.html
http://www.yantel-corp.com/en/products/products1_181.html