

Yantel VAB Directly Replaces Traditional Dial design Variable attenuator

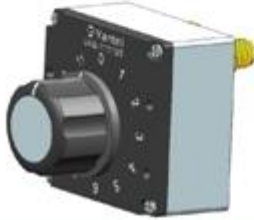
Yantel Rotary Variable Attenuator

China Patent NO. : ZL 2008 1 0144258.3

USA Patent NO. : US 8,476,544 B2

Japan Patent NO. : 特愿 2011-524168

Taiwan Patent NO.: 發明第 I 393347 號



VAB1101SS*

Frequency: DC-2.5 GHz
 Power Rating: 2W or 5W
 Attenuation: 0-11 dB
 Step Value: 1 dB
 Insertion Loss: ≤ 0.4 dB
 Attenuation Accuracy: ± 0.5 dB
 VSWR: ≤ 1.25
 Size: 38.2*38.2*32.46mm
 Mass production has been arranged;
 40%-50% price lower than other
 manufacturers'.



VAB3101SF*

Frequency: DC-2.2 GHz
 Power Rating: 2W or 5W
 Attenuation: 0-31 dB
 Step Value: 1 dB
 Insertion Loss: ≤ 0.6 dB
 Attenuation Accuracy: ± 0.5 dB
 VSWR: ≤ 1.25
 Size: 32*39*80mm
 Mass production has been arranged;
 40%-50% price lower than other
 manufacturers'.



VAB3101SF*

Frequency: DC-2.5 GHz
 Power Rating: 2W or 5W
 Attenuation: 0-31 dB
 Step Value: 1 dB
 Insertion Loss: ≤ 0.6 dB
 Attenuation Accuracy: ± 0.7 dB
 VSWR: ≤ 1.30
 Size: 32*39*80mm
 Mass production has been arranged;
 40%-50% price lower than other
 manufacturers'.

Application

Traditional Single/Dual Rotary Attenuator



Frequency: DC-2.5GHz
 Power Rating: 2W
 Attenuation: 0-10 dB
 Step Value: 1 dB
 Insertion Loss: ≤ 0.4 dB
 Attenuation Accuracy: ± 0.4 dB
 VSWR: ≤ 1.25
 Dimensions: $\phi 40 \times 70$ mm



Frequency: DC-2.2 GHz
 Power Rating: 2W
 Attenuation: 0-30 dB
 Step Value: 1 dB
 Insertion Loss: ≤ 0.6 dB
 Attenuation Accuracy: ± 0.4 dB
 VSWR: ≤ 1.30
 Dimensions: $\phi 40 \times 125$ mm



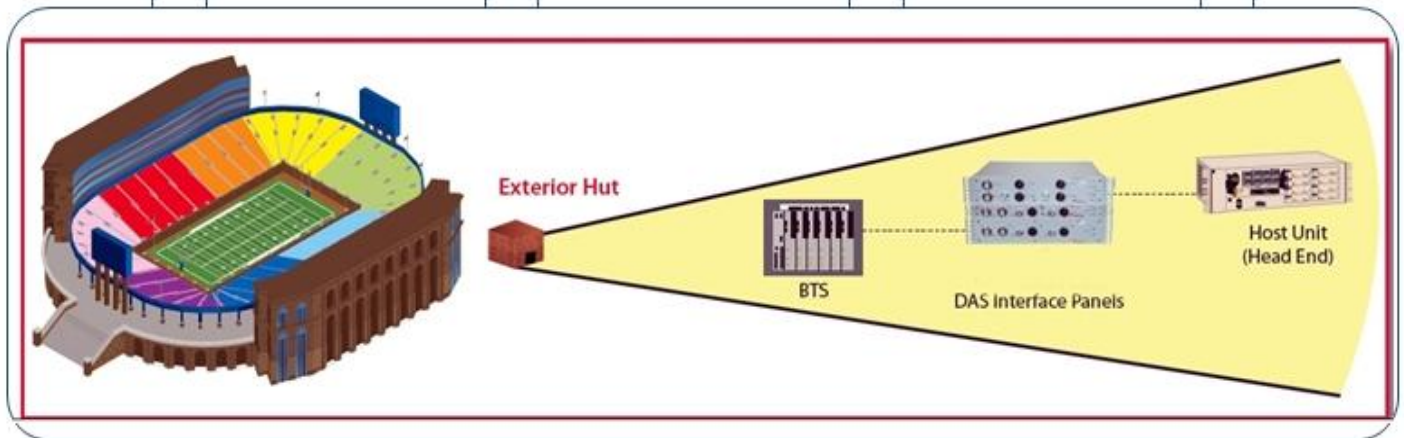
Frequency: DC-2.5 GHz
 Power Rating: 2W
 Attenuation: 0-30 dB
 Step Value: 1 dB
 Insertion Loss: ≤ 0.6 dB
 Attenuation Accuracy: ± 1.0 dB
 VSWR: ≤ 1.30
 Dimensions: $\phi 40 \times 125$ mm



DAS Interface Panel for DAS and POI



Wireless Signal Coverage in Offices/Hotel/Venues, etc.



Yantel Product Advantage

Cost Advantage:

- With innovative Technology, Yantel VAB/VAS cost is about 30%--40% lower than other manufacturers'.

Performance Advantage:

- Ultra small size
- Extraordinary RF Performance, wide Attenuation range , low VSWR, high attenuation accuracy.
- Visually clear about attenuation and easy adjustment
- Wide Frequency Range(DC-3GHz, DC-6GHz)
- Power: 2W, 5W
- Impedance: 50Ω, 75Ω
- Attenuation Range: 0-11dB, 0-31dB
- Series: Rotary type (VAB) & Switch type (VAS)
- VAS (Switch Step Variable Attenuator) is hot-switchable, meaning attenuation can be changed on the fly without powering down the system, allowing test data to be read continuously.
- VAB (Dual Concentric Type-2W, 5W) is available, especially 5W is unique, satisfying the higher power need of telecom operators .Besides, it can directly replace traditional dual dial attenuators for its similar size and format.
- Connector Type: SMA/N/F/BNC
- Connector mount type : rear/ end/ top mounting positions
- Quick delivery

Application:

• DAS	• POI	• Lab Test
• DAS Interface Panel/DAS Tray	• Small、 mini repeater	• Active/Passive repeater

DAS POI Successful Design-in:

Widely used in the coverage systems for 2012 London Olympic Stadiums as well as Main Stadiums, European Metro projects Office Building and Venues, etc.