

BAB 1-12X 1-way tap | 12 dB | 5 ... 1800 MHz | housing design 01



- ✓ Suitable for DOCSIS 3.1 and 4.0
- ✓ Class A (+10 dB) according to EN 50083-2
- ✓ Inputs and outputs hum-suppressed
- ✓ High intermodulation suppression
- ✓ High return loss and isolation

Order information

| | |
|--------------------------|---------------|
| Type | BAB 1-12X |
| Order no. | BAB00112X |
| GTIN | 7611682009255 |
| PE | 1 |
| VE | 1 |
| EU customs tariff number | 85291080 |



Technical data

| | |
|-------------------------------------|--|
| Frequency range | 5 ... 1800 MHz |
| Screening factor acc. to EN 50083-2 | Class A + 10 dB |
| Surge Protection | 1 kV @ 1.2/50 µs surge voltage according to IEC 61000-4-5 / 160 Vdc impulse and UM TS 41 |
| Intermodulation ratio (EN 60728-4) | < -115 dBc @ 120 dBµV |
| Taps | 1-fach |
| Tap loss | 12.0 ±0.5 dB @ 10 MHz 12.0 ±0.2 dB @ 65 MHz 11.9 ±0.2 dB @ 108 MHz 11.9 ±0.2 dB @ 204 MHz 11.9 ±0.2 dB @ 258 MHz 11.9 ±0.3 dB @ 470 MHz 11.9 ±0.3 dB @ 862 MHz 11.9 ±0.4 dB @ 1218 MHz 12.5 ±0.5 dB @ 1794 MHz |
| Through loss | 0.9 ±0.2 dB @ 10 MHz 1.1 ±0.2 dB @ 65 MHz 0.9 ±0.2 dB @ 108 MHz 0.9 ±0.2 dB @ 204 MHz 0.9 ±0.2 dB @ 258 MHz 1.0 ±0.3 dB @ 470 MHz 1.2 ±0.3 dB @ 862 MHz 1.3 ±0.4 dB @ 1218 MHz 1.8 ±0.5 dB @ 1794 MHz |
| Isolation | |
| Tap-Out | > 28 dB @ 10 ... 204 MHz > 30 dB @ 204 ... 862 MHz > 28 dB @ 862 ... 1218 MHz > 25 dB @ 1218 ... 1794 MHz |
| Connectors | |
| Connector type | F female (IEC 61169-24) |
| Impedance | 75 Ohm |
| Return loss | > 19 dB @ 10 ... 204 MHz > 20 dB @ 204 ... 862 MHz > 20 dB @ 862 ... 1218 MHz > 21 dB @ 1218 ... 1794 MHz |
| General | |
| Operating temperature range | -15 °C ... +60 °C |
| Dimensions (W × H × D) appr. | 45 × 55 × 25 mm |
| IP code | IP67 |