

**BVE 3-02X 3-way splitter (asymmetrical) | 4.5/8/8 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	BVE 3-02X
Order no.	BVE00302X
GTIN	7611682009668
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
Splitting	3-way
Distribution	
Distribution loss 1	4.0 ±0.3 dB @ 10 MHz 3.7 ±0.2 dB @ 65 MHz 3.7 ±0.2 dB @ 108 MHz 3.7 ±0.3 dB @ 204 MHz 3.7 ±0.3 dB @ 258 MHz 3.8 ±0.3 dB @ 470 MHz 4.1 ±0.4 dB @ 862 MHz 4.3 ±0.5 dB @ 1218 MHz 5.5 ±0.7 dB @ 1794 MHz
Distribution loss 2	8.0 ±0.3 dB @ 10 MHz 7.1 ±0.2 dB @ 65 MHz 7.1 ±0.2 dB @ 108 MHz 7.2 ±0.3 dB @ 204 MHz 7.2 ±0.3 dB @ 258 MHz 7.3 ±0.4 dB @ 470 MHz 7.4 ±0.5 dB @ 862 MHz 7.4 ±0.5 dB @ 1218 MHz 8.5 ±0.7 dB @ 1794 MHz
Distribution loss 3	8.0 ±0.3 dB @ 10 MHz 7.1 ±0.2 dB @ 65 MHz 7.1 ±0.2 dB @ 108 MHz 7.2 ±0.3 dB @ 204 MHz 7.2 ±0.3 dB @ 258 MHz 7.3 ±0.4 dB @ 470 MHz 7.4 ±0.5 dB @ 862 MHz 7.4 ±0.5 dB @ 1218 MHz 8.5 ±0.7 dB @ 1794 MHz
Isolation	
Out-Out	> 35 dB @ 10 ... 204 MHz > 28 dB @ 204 ... 862 MHz > 27 dB @ 862 ... 1218 MHz > 25 dB @ 1218 ... 1794 MHz
Connectors	
Connector type	F female (IEC 61169-24)
Impedance	75 Ohm
Return loss	> 25 dB @ 10 ... 204 MHz > 20 dB @ 204 ... 862 MHz > 17 dB @ 862 ... 1218 MHz > 16 dB @ 1218 ... 1794 MHz
General	
Operating temperature range	-15 °C ... +60 °C
Dimensions (W × H × D) appr.	72 × 50 × 26 mm
IP code	IP67