

TZU 19-68X **axial**
Hochpassfilter / Rückkanal-Blocker
Frequenzbereich Durchgang: 258...2200MHz
Frequenzbereich geblockt: 5...204MHz
Sperrtiefe 50dB | DC-Durchgang

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|--------------------------|---------------|
| Type | TZU 19-68X |
| Order no. | TZU01968X |
| GTIN | 7611682007961 |
| PE | 1 |
| VE | 1 |
| EU customs tariff number | 85291080 |



Screening factor acc. to EN 50083-2	> 90 dB
Frequency range	258...2200 MHz
Frequency range blocked	5...204 MHz
Blocking depth	50 dB
Through loss	0.7...1.7 dB
DC power pass	yes
Connectors	
Connector type	F-female/F-male
Return loss	> 15 dB
General	
Weight	0.028 kg

The diagram illustrates the frequency allocation and signal flow in a cable TV system. It shows a DOCSIS Router connected to a BSD 963-00 splitter, which is then connected to an EoC x-32 extender. The system is divided into three main frequency bands: 5...1006 MHz (DOCSIS/CATV), 258...1006 MHz (CATV), and 5...204 MHz (EoC). The DOCSIS Router handles the 5...1006 MHz band, while the EoC x-32 extender handles the 5...204 MHz band. The BSD 963-00 splitter is used to split the 258...1006 MHz band between the DOCSIS Router and the EoC x-32 extender. The diagram also shows the blocking depth for the EoC x-32 extender at 5...204 MHz, which is 55 dB.

Internet

DOCSIS Router

Internet

5...1006 MHz

BSD 963-00

EoC x-32

Sperrtiefe TZU 19-68X
blocking depth 19-68X
@ 5...204 MHz = 50 dB

TZU 19-68X

5...1006 MHz (DOCSIS/CATV)

TV und Internet vom Kabelnetzbetreiber
TV and Internet from cable network provider

258...1006 MHz (CATV)

Nur TV | TV only

Sperrtiefe EoC x-32 @ 5...204 MHz = 55 dB
Blocking depth EoC x-32 @ 5...204 MHz = 55 dB

5...204 MHz (EoC) | 258...1006 MHz (CATV)

TV und Internet zu weiteren EoC x-32
TV and Internet to other EoC x-32

TV

Important: The use of a TZU 19-68X return path blocker is mandatory in order to achieve sufficient blocking depth for the frequency range from 5...204 MHz. Otherwise it may cause interferences in the cable network.

Suitable products

EOC 30-01 Ethernet over Coax | Master | 1800 Mbps

EOC 30-02 Ethernet over Coax | Endpoint | WiFi

EOC 30-03 Ethernet over Coax | Endpoint

EOC 30-21 Ethernet over Coax | Dual-Master | 1800 Mbps

EOC 1-32 Ethernet over Coax | Peer-to-Peer | 1800 Mbps

EOC 2-32 Ethernet over Coax | Peer-to-Peer | 1800 Mbps | WiFi