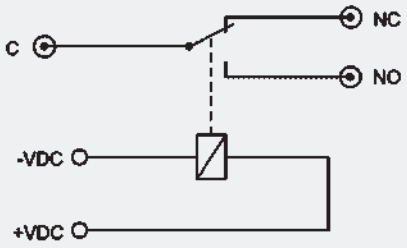
Series TVR and T-TVR

- For high resolution monitors and applications at the RF-band
- High insolation
- Low insertion loss
- Impedance optional 50 Ω or 75 Ω
- With BNC connectors (others on request)
- Available at short notice (mostly ex stock Donauwörth)
- Aluminium enclosures (RF shielded)
- Special types on request

Configuration SPDT



Technical data (guaranteed values at +25 °C)

Frequency range	DC to 100 MHz	DC to 500 MHz	DC to 1000 MHz
Insolation	70 dB	60 dB	50 dB
Insertion loss	0,20 dB	0,30 dB	1,0 dB
VSWR	1,2 : 1	1,4 : 1	2,0 : 1
Maximum RF-power*	10 W CW	10 W CW	10 W CW
Switching time	15 ms	15 ms	15 ms
Life cycles	10^6 cycles	10^6 cycles	10^6 cycles
Type	A, E, T-TVR	A, E, T-TVR	A, E, T-TVR
Option D	The control lines are connected with a 9-pole-SUB-D connector (standard at T-TVR) instead of DC-feedthrough filters.		

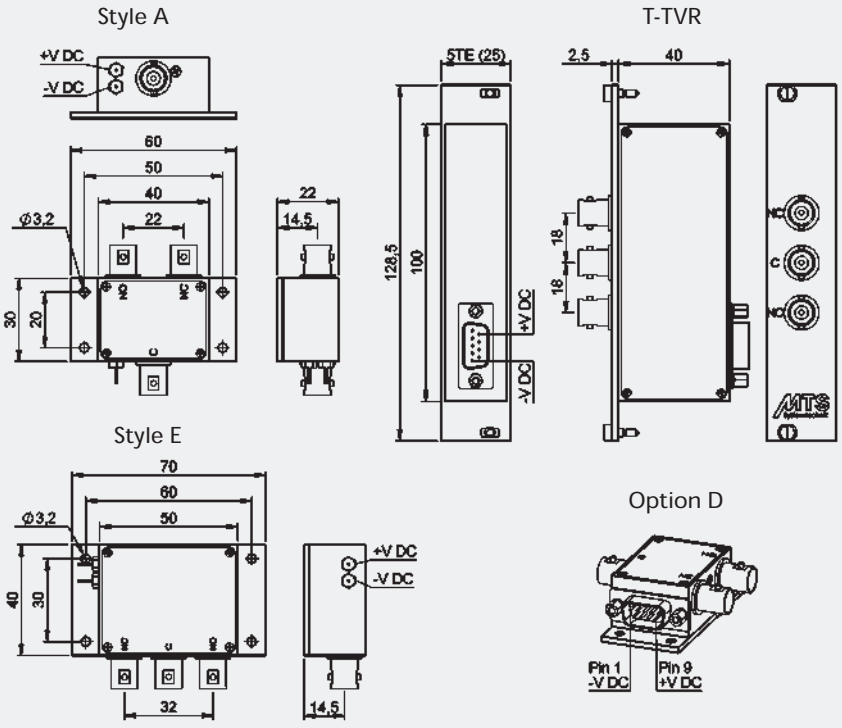
**cold switching*

Model designation

T - TVR - 7 2 1 1 - D

- *Option D (only if required)*
- *Frequency range DC–*
  1 = 100 MHz
  2 = 500 MHz
  3 = 1000 MHz
- *Supply voltage*
  0 = 5 V DC (50 mA)
  1 = 12 V DC (20 mA)
  2 = 24 V DC (10 mA)
- *Style*
  0 = A, 2 = E
- *Impedance*
  5 = 50 Ω, 7 = 75 Ω
- *TVR-series*
- *T-TVR-series (Cassette style with front panel)*

Dimensions, serie TVR and T-TVR

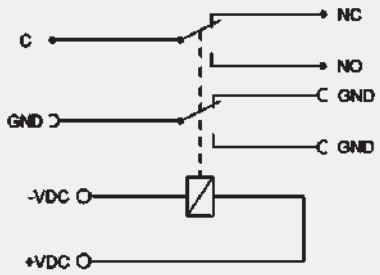


All dimensions in mm

Series TVR-70x9

- RF-relays with switched shield
- For high resolution monitors and applications at the RF-band
- Simultaneously switching of the inner conducter and the shield
- Low insertion loss
- Impedance optional 50 Ω or 75 Ω
- With BNC connectors (floating)
- Available at short notice (mostly ex stock Donauwörth)
- Aluminium enclosures (RF shielded)
- Special types on request

Configuration SPDT



Technical data (guaranted values at +25 °C)

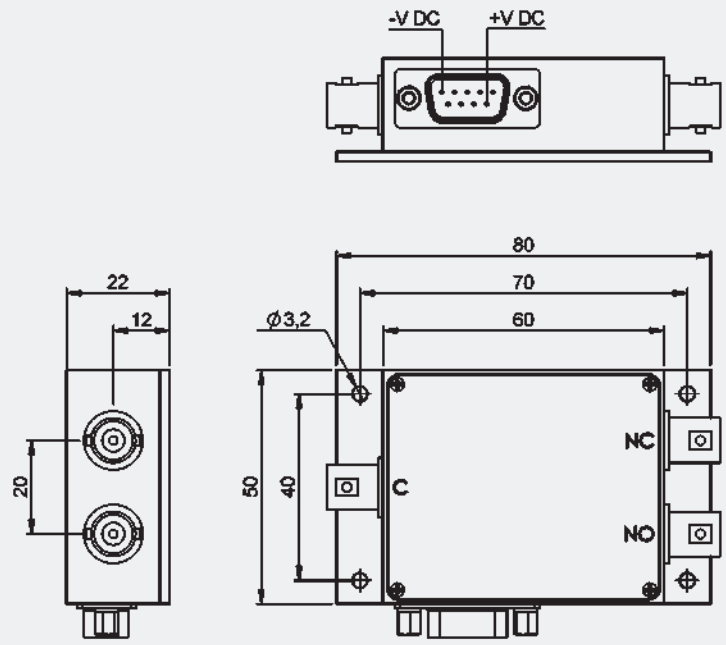
Frequency range	DC to 32 MHz
Insolation	40 dB
Insertion loss	0,2 dB
Maximum RF-power	5 W CW (cold switching)
Switching time	15 ms
RF-connectors	BNC, female
Option S1	The control lines are connected with a 9-pole-SUB-D connector.

Model designation

TVR - 7 0 2 9 - S1

- *Option S1 (prefered type)*
- *9 = change over shield*
- *Power supply*
  0 = 5 V DC (100 mA)
  1 = 12 V DC (40 mA)
  2 = 24 V DC (20 mA)
- *Standard style*
- *Impedance*
  5 = 50 Ω, 7 = 75 Ω
- *TVR-series*

Dimensions, series TVR-70x9-S1



All dimensions in mm