# LTE signals rejection filters

# LTE 700 filters




- complies with ETSI EN 303354 clasification 1 (TF007A)
- filters for suppression of LTE 700 signals
- DC through pass
- shielded metal case inside plastic housing

**Technical specifications**

| TYPE | | TF001 | TF007A |
|---|---|---|---|
| **Ordering number** | | 02576 | 02584 |
| **Pass band** | | 5-694 MHz | 5-240, 470-694 MHz |
| **Stop band** | | 733-1000 MHz | 703-3000 MHz |
| **Attenuation, typical** | 5 MHz | < 0.3 dB | |
| | 240 MHz | - | < 2 dB |
| | 470 MHz | - | < 3 dB |
| | 694 MHz | < 3.5 dB | < 4 dB |
| | 703 MHz | - | ≥ 25 dB |
| | 733 MHz | > 60 dB | ≥ 25 dB |
| | 1000 MHz | > 60 dB | > 35 dB |
| | 3000 MHz | - | > 35 dB |
| **Return loss in pass band** | | > 10 dB | |
| **DC pass** | | 24 V 100 mA, max. | |
| **Operating temperature range** | | $-20^0 \div +50\ ^0C$ | |
| **Dimensions / Weight (packed)** | | 89x107x43 mm / 0.18 kg | |

- complies with ETSI EN 303354 clasification 1 (TF006A)
- filters for suppression of LTE 700 signals
- DC through pass
- shielded metal case




**Technical specifications**

| TYPE | | TF005 | TF006A |
|---|---|---|---|
| **Ordering number** | | 02577 | 02583 |
| **Pass band** | | 5-694 MHz | 5-240, 470-694 MHz |
| **Stop band** | | 733-1000 MHz | 703-3000 MHz |
| **Attenuation, typical** | 5 MHz | < 0.3 dB | |
| | 240 MHz | - | < 2 dB |
| | 470 MHz | - | < 3 dB |
| | 694 MHz | < 3 dB | < 4 dB |
| | 703 MHz | - | ≥ 25 dB |
| | 733 MHz | > 50 dB | ≥ 25 dB |
| | 1000 MHz | > 50 dB | > 35 dB |
| | 3000 MHz | - | > 35 dB |
| **Return loss in pass band** | | > 10 dB | |
| **DC pass** | | 24 V 100 mA, max. | |
| **Operating temperature range** | | $-20^0 \div +50\ ^0C$ | |
| **Dimensions / Weight (packed)** | | 80x27x19 mm / 0.085 kg | |