LTE signals rejection filters

LTE 800 filters



- filters for suppression of LTE 800 signals
- DC through pass
- shielded metal case inside plastic housing

Technical specifications

T Y P E		LF001	LF003	LF004	LF007
Ordering number		02562	02563	02567	02580
Pass band		5-790 MHz	5-782 MHz	5-790 MHz	5-320, 470-790 MHz
Stop band		821-1000 MHz	813-1000 MHz	791-1000 MHz	791-1000 MHz
Attenuation, typical	5 MHz	< 0.3 dB			
	230 MHz		< 0.8 dB		< 1 dB
	470 MHz		< 1.2 dB		< 2 dB
	782 MHz		< 3 dB		< 4 dB
	790 MHz	< 3 dB		< 9 dB	
	791 MHz			> 15 dB	> 13 dB
	793 MHz			> 30 dB	> 15 dB
	813 MHz		> 60 dB		
	821 MHz	> 60 dB	> 60 dB	> 30 dB	> 25 dB
	1000 MHz	> 65 dB	> 65 dB	> 35 dB	> 25 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			

- filters for suppression of LTE 800 signals
- DC through pass
- shielded metal case

LF002



LF005
LF006



Technical specifications

T Y P E		LF002	LF005	LF006
Ordering number		10613	02573	02574
Pass band		5-790 MHz		5-320, 470-790 MHz
Stop band		821-1000 MHz		791-1000 MHz
Attenuation, typical	5 MHz	< 0.3 dB		
	230 MHz			< 1 dB
	470 MHz			< 2 dB
	782 MHz			< 4 dB
	790 MHz	< 3.5 dB	< 3 dB	
	791 MHz			> 13 dB
	793 MHz			> 15 dB
	821 MHz	> 25 dB	> 30 dB	> 25 dB
	1000 MHz	> 25 dB	> 30 dB	> 25 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)		L 41 mm, D 13 mm / 0.018 kg	80x27x19 mm / 0.085 kg	