



## Power Line EMI Filter Categories

Below is a brief table listing the key performance indicators and typical applications for our regular power line EMI filters. The applications section is a simplification. It really depends on what are required of the shielded rooms/cages and/or chambers (for instance, what testing they are doing, and what standard applies to the testing).

Model	Key performance indicator	Typical Application(s)
TPFXY6A-I	Shielding Effectiveness > 100dB from 150kHz to 40GHz	Shielded rooms; sometimes TPFXY6C products are also used on antenna chambers because antenna testing begins at higher frequencies
TPFXY6B-I	Shielding Effectiveness > 100dB from 100kHz to 40GHz	
TPFXY6C-I	Shielding effectiveness > 100dB from 14kHz to 40GHz	
TPFXY6D-I	Shielding effectiveness > 100dB from 10kHz to 40GHz	
TPFXY2A-I	Insertion loss >100dB from 150 kHz to 40 GHz	They are used on EMC chambers where strict radiated emission (RE) and/or conducted emission (CE) testing are conducted.
TPFXY2B-I	Insertion loss >100dB from 100 kHz to 40 GHz	
TPFXY2C-I	Insertion loss >100dB from 14 kHz to 40 GHz	
TPFXY2D-I	Insertion loss >100dB from 10 kHz to 40 GHz	
TPF	Testups Power Filter	
X	Number of lines, such as 1, 2, 3 or 4	
Y	Surface finishing technique: 0 - nickel-plated 6 - brushed surface 8 - spray coating	
6/2	Application indicator 6: Shielded rooms/enclosures 2: EMC Anechoic Chambers	
A/B/C/D	A: 100 dB from 150 kHz B: 100 dB from 100 kHz C: 100 dB from 14 kHz D: 100 dB from 10 kHz	
I	Current limit per line	



### Examples

Type:TPF282C-400

TPF: Testups Power Filter

2: Number of Lines

8: Spray Coating

2C: Insertion loss >100dB from 14 kHz ~ 40 GHz (Application: EMC chambers for radiated and conducted emissions testing)

-400: Current limit is 400 Amps per line

Type:TPF462D-32

TPF: Testups Power Filter

4: Number of Lines

6: Brushed Surface

2D: Insertion loss >100dB from 10 kHz ~ 40 GHz (Application: EMC chambers for radiated and conducted emissions testing)

-32: Current limit is 32 Amps per line