

KEY FEATURES

- Size and cost effective design
- Two stage electrical setup provides highest available attenuation of RFI noise in the frequency range from 10kHz to 30MHz
- Compliant with internal spacing requirements for UL60601-1, 3rd edition for medical applications
- Designed for easy connection and installation
- Optimized for attenuation and size

APPLICATIONS

- Dialysis machines
- Diagnostic equipment
- Medical laser
- CAT scanners
- MRT scanners
- Dentist equipment
- Operating room equipment
- Physical therapy equipment

ORDERING INFORMATION



Corcom HQ Series 20A Power Line Filters

The HQ Series filters are designed to provide the highest available attenuation of RFI noise in the frequency ranges from 10kHz to 30MHz for low leakage current applications. The new 20A versions come in a chassis mount style and offer spade or threaded bolt termination options.

STANDARDS AND SPECIFICATIONS

- UL Recognized
- VDE Approved
- CSA Pending

ELECTRICAL SPECIFICATIONS

Use the strength of the streng	Line to Ground:	1500 VAC						
Hipot rating (one minute):	Line to Line:	1450 VDC						
Rated Voltage:		250 VAC						
Operating Frequency:		50/60 Hz						
Rated Current:		20A max.						

ELECTRICAL SCHEMATIC



PRODUCT OFFERING

4-1609037-2: 20EHQ1 20A HQ Series filter with spade terminals
4-1609037-1: 20EHQ6 20A HQ Series filter with threaded bolt terminals

Samples Available



corcom.com

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CASE STYLES

20EHQ1

20EHQ6





DIMENSIONS

Part Numbers	A (max)	B (max)	C (max)	D ± .015 ± .38	
20EHQ1	6.03	2.07	2.28	5.63	
ZUENGI	153.2	52.6	57.9	142.9	
20EHQ6	6.03	2.07	2.28	5.63	
202100	153.2	52.6	57.9	142.9	

PERFORMANCE DATA

Minimum Insertion Loss - Measured in closed 50 Ohm system

Common Mode / Asymmetrical (Line to Ground)

Differential Mode / Symmetrical (Line to Line)

Current	Frequency — MHz								Current		Frequency — MHz								
Rating	.01	.02	.05	.15	.5	1	5	10	30	Rating	.01	.02	.05	.15	.5	1	5	10	30
20A	6	12	20	30	34	34	25	20	15	20A	15	20	20	46	65	70	65	60	60

Dimensions in inches and millimeters unless otherwise shown. Values in italics are metric equivalents. Dimenions are shown for reference purposes only. Specifications subject to change. Customer drawing should be used for all design activity.



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