

# ACS Solutions RF Filter Kit Specifications

ACS Solutions RF Filter Systems are designed to eliminate types of interference - external and/or internal - to the locomotive. They are made of durable machined products that are built tough to withstand the rough environment on the railroad.

- The filters are weather proof so they can be installed within the antenna farm on top of the locomotive.
- No more mounting filters in the vestibule that will take up unnecessary space.
- All the surfaces are treated with a corrosion resistant material.
- Mounting plate weld-on ready (i.e. non-painted areas to enable welding the mounting plate in place)
- ACS Solutions Filter Systems are compatible with other antenna filter systems that are being used today.



## ACS Solutions Part Numbers & Descriptions

- 30560** ANTENNA FILTER, RADIO, 220 MHz, N-TYPE FEMALE CONNECTORS
- 30561** ANTENNA FILTER, RADIO, 160 MHz, N-TYPE FEMALE CONNECTORS
- 30562** ANTENNA FILTER, RADIO, UHF, UHF FEMALE CONNECTORS
- 30563** ANTENNA FILTER MOUNTING PLATE, 4 FILTER MOUNT, STEEL
- 30564** RADIO ANTENNA FILTER ASSEMBLY, 2ea. 220 MHz, 1ea. 160 MHz, 1ea. UHF, ASSEMBLED ON MOUNTING PLATE

Model		30561	30560	30562
Frequency Range	MHz	160 - 163	216-222	450 - 460
Reject Frequency	MHz	> 216	< 163	< 220, 905 - 930
Bandwidth	MHz	3	6	10
Interface Impedance	Ohms	50	50	50
Insertion Loss	dB	< 0.5	< 0.5	< 0.5
Isolation	dB	> 75	> 75	> 75
VSWR	n/a	1.5:1	1.5:1	1.5:1
Interface	n/a	N-Female (x2)	UHF-Female (x2)	N-Female (x2)
Power Rating	Watts	100	100	50
Dimensions (L x W x H)	Inches	7.25"x 2.25" x 1.13"	7.25"x 2.25" x 1.13"	5.25"x 2.0" x 1.13"
Ingress Protection Rating		IP-67	IP-67	IP-67

**\*Not all inclusive. Please call for items not listed.**