

# 914

## CLUSTER FILTERS

Cluster filters

**Description**

Cluster filters consisting of independent filters on the UHF, VHF and FM bands. Each cluster filter can incorporate up to 9 filters, with one or several inputs. Each filter has an attenuator which permits the equalisation of the channels.

The filters can be of a monochannel, multichannel or broadband type. They permit the passing of a feed path from the outputs to any one of the inputs.

**Applications**

Designed for installations of analogue or digital terrestrial TV in MATV or individual installations. Areas where reception is difficult, with large differences in level between channels. They complement the head-end broadband amplifiers to deliver maximum output power and to avoid intermodulation.

**Characteristics**

Low insertion loss. Made from ABS plastic, with a metal plate internal chassis which gives maximum shielding. F type connectors which gives a connection with minimum mismatching and high shielding.

**Model :****3 Channel ( Digital )**

FE-149 (206)	22, 35, 37
FE-147 (207)	30, 35, 37
FE-150 (208)	32, 35, 37
FE-149 (209)	40, 35, 37
FE-147 (210)	41, 35, 37
FE-151 (211)	43, 35, 37
FE-147 (218)	26, 35, 37
FE-147 (219)	28, 35, 37
FE-147 (220)	58, 35, 37
FE-147 (221)	59, 35, 37

**4 Channel ( Analogue )**

FE-152 (212)	21, 23, 25, 27
FE-153 (213)	33, 39, 43, 45
FE-948 (214)	34, 38, 42, 44
FE-926 (215)	48, 50, 52, 54
FE-926 (216)	49, 51, 53, 55

**Model :****5 Channel ( Digital )**

FE-939 (192)	22, 35, 37, 47, 62
FE-939 (193)	30, 35, 37, 47, 62
FE-939 (194)	40, 35, 37, 47, 62
FE-939 (195)	43, 35, 37, 47, 62
FE-939 (196)	32, 35, 37, 47, 62

**7 Channel ( 4-Analogue 3-Digital )**

FE-998 (138)	21, 23, 25, 27, 22, 35, 37
FE-146 (205)	48, 50, 52, 54, 41, 35, 37

**9 Channel ( 4-Analogue 5-Digital )**

FE-133 (183)	21, 23, 25, 27, 22, 35, 37, 47, 62
FE-134 (184)	33, 39, 43, 45, 40, 35, 37, 47, 62
FE-135 (185)	49, 51, 53, 55, 30, 35, 37, 47, 62
FE-136 (186)	34, 38, 42, 44, 32, 35, 37, 47, 62
FE-137 (187)	34, 38, 42, 44, 43, 35, 37, 47, 62

TV System		AM-TV / DVB-T				
Frequency Range	MHz	UHF				
Number of Filters		3	4	5	7	9
Number of Inputs		1 (dig.)	1 (anag.)	1 (dig.)	2 (1 dig., 1 anag.)	
Number of Outputs		1				
Insertion Loss	dB	7.0 ± 2.0				
DC Path		Optional				
Units per Packing		1				
Packing Weight	kg	1				
Packing Dimensions	mm	300 x 300 x 150				