

Fixed-value equalizer with or without linear reverse path



53110300
RW-EQ-862/3



53120300
EQ-862/3



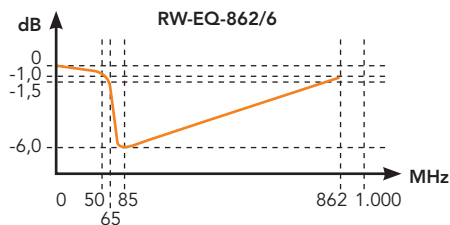
Fixed-value equalizer with linear reverse path in F-technique

- For compensation of the frequency-dependent cable slope, only in the forward way
- Frequency range 5 – 65 MHz linear and 85 – 862 MHz as equalizer
- F-male and F-female connectors
- Small, round metal housing with integrated HEX 11 nut
- Very high return loss

Parameter	Frequency [MHz]	RW-EQ-862/3	RW-EQ-862/6	RW-EQ-862/9	RW-EQ-862/12
Through loss [dB] 5 ... 50 ... 65 MHz		0 ... 0,8 ... 1,5 ± 0,5	0 ... 0,8 ... 1,5 ± 0,5	0 ... 0,8 ... 2,0 ± 0,5	0 ... 0,8 ... 2,0 ± 0,5
Slope progression [dB] 85 ... 862 MHz		3,0 ... 1,0 ± 0,5	6,0 ... 1,0 ± 0,5	9,0 ... 1,0 ± 0,5	12,0 ... 1,0 ± 0,5
Return loss [dB typ.]	5 – 65	> 18*	> 18*	> 18*	> 18*
	85 – 862	> 18**	> 18**	> 18**	> 18**
Diameter [mm]		13	13	13	13
Length [mm]		46	46	46	46
Order No.		53110300	53110600	53110900	53111200

* f = 5 – 50 MHz, between 51 – 65 MHz > 16 dB typ.

** f = 101 – 862 MHz, between 85 – 100 MHz > 16 dB typ.



Fixed-value equalizer 5 – 1.000 MHz in F-technique

Properties as stated above, but without linear reverse path frequency range (equalizer range from 5 – 862/1.000 MHz)

Parameter	EQ-862/3	EQ-862/6	EQ-862/9	EQ-862/12
Slope progression [dB] 5 ... 862 ... 1.000 MHz	3,0 ... 0,5 ... 0,3 ± 0,5	6,0 ... 0,5 ... 0,3 ± 0,5	9,0 ... 0,5 ... 0,3 ± 0,5	12,0 ... 0,5 ... 0,3 ± 0,5
Return loss [dB typ.]	> 20	> 20	> 20	> 20
Return loss [dB min.]	> 18	> 18	> 18	> 18
Diameter [mm]	13	13	13	13
Length [mm]	46	46	46	46
Order No.	53120300	53120600	53120900	53121200

