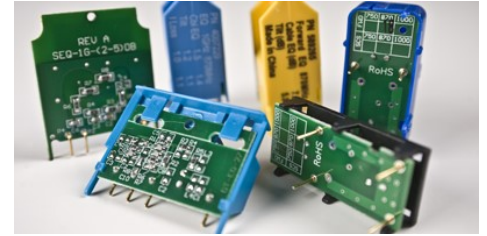




QR ordering link

Category Cable Simulators



Cable Simulators In-Line FCS 1.2GHz

Our **F-Style In-Line Cable Simulators (FCS)** are high quality in-line cable inverse equalizers. They are engineered and built with the intent to be the **best** in the industry. These nickel plated brass in-line equalizers provide sloped attenuation simulating the effects of signal loss in coax cable. They are presently available in values 3 - 15 in three dB increments representing the maximum attenuation at 870MHz. For attenuation at 1GHz and 1.2GHz see the following specifications.

Part Number Matrix

FCS - xx TBBS

Value in decibels

xx = Values 03-15dB
3 dB increments



Specifications

Band Pass	5 - 1202MHz
Band Pass Flatness	+/- 0.2dB (w/ respect to slope)
Return Loss	>-20dB min
RFI	125dB
Length	40mm
Diameter	11mm//.434" (7/16")
Style	One piece
Body	Nickel plated brass housing

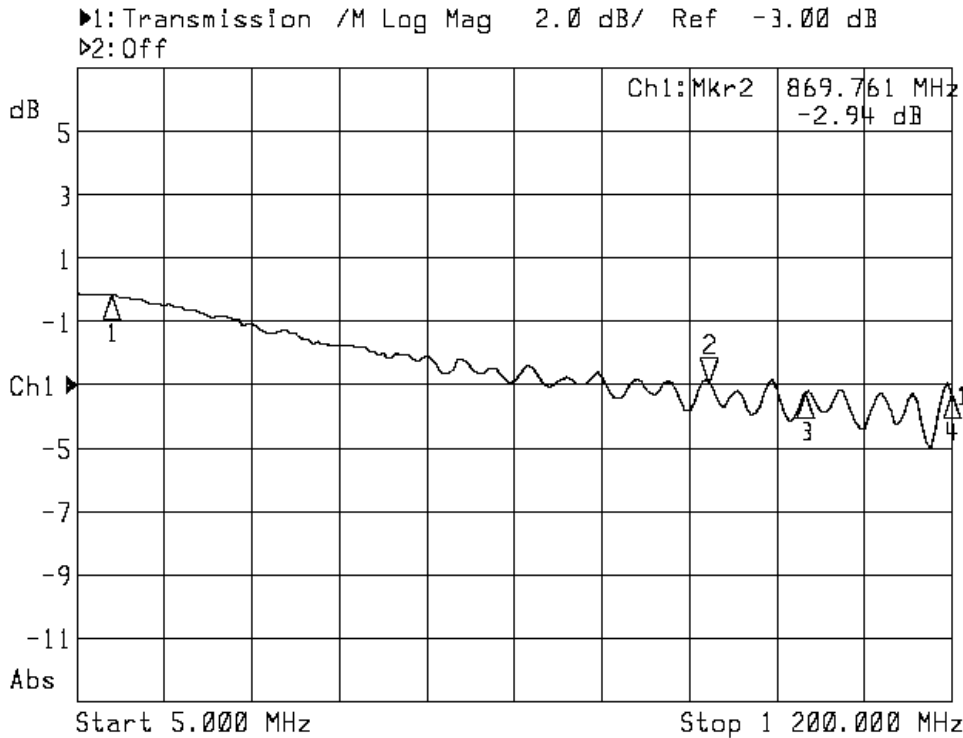


Category Cable Simulators



Cable Simulators In-Line FCS 1.2GHz

Forward sweep In-Line FCS-03-TBBS



3dB FCS	
Frequency	loss
870MHz	-3dB
1.0 GHz	-3.2dB
1.2GHz	-3.5dB

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 54.00	-0.15		
2: 869.76	-2.94		
3: 1000.00	-3.22		
4: 1200.00	-3.29		

3 dB

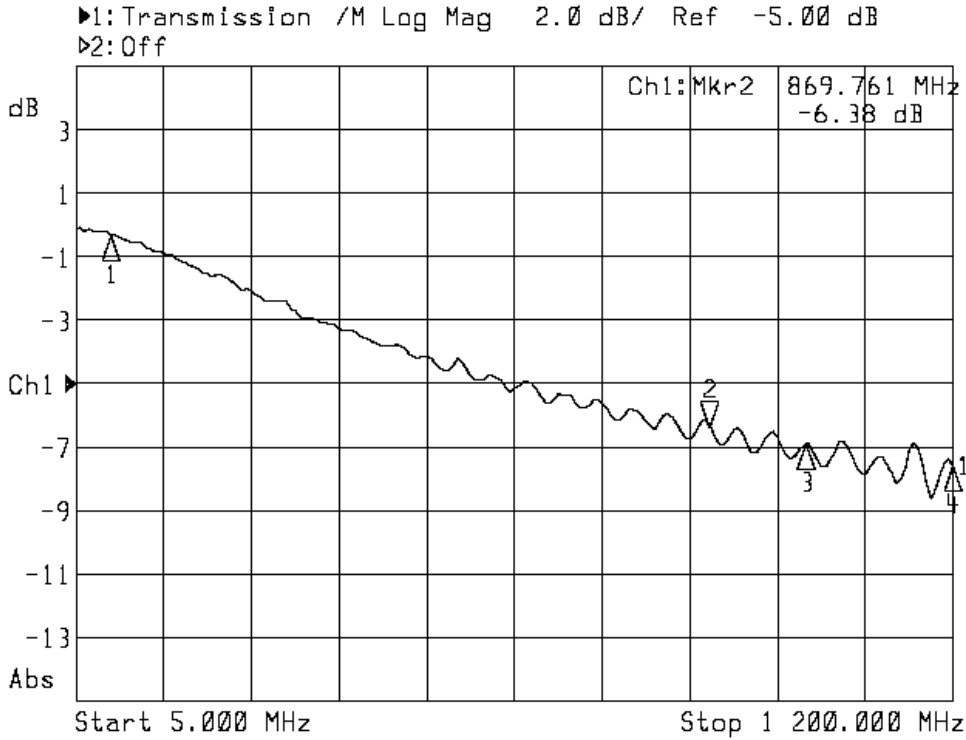


Category Cable Simulators



Cable Simulators In-Line FCS 1.2GHz

Forward sweep In-Line FCS-06-TBBS



6dB FCS	
Frequency	loss
870MHz	-6dB
1.0 GHz	-7dB
1.2GHz	-7.5dB

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 54.00	-0.32		
2> 869.76	-6.38		
3: 1000.00	-6.90		
4: 1200.00	-7.57		

6 dB

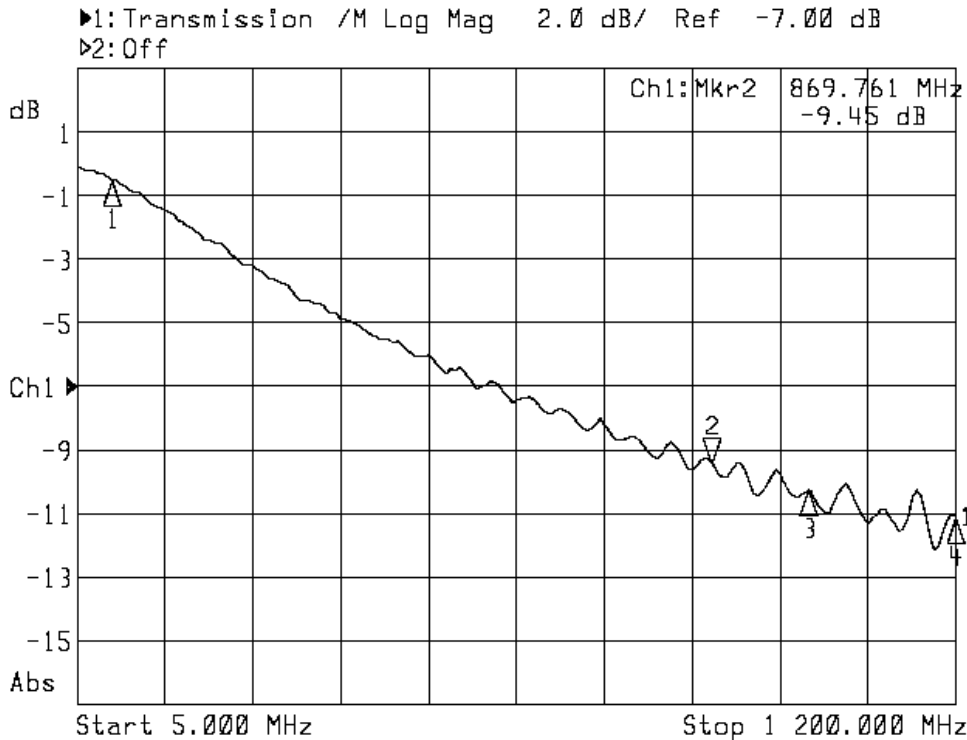


Category Cable Simulators



Cable Simulators In-Line FCS 1.2GHz

Forward sweep In-Line FCS-09-TBBS



9dB FCS	
Frequency	loss
870MHz	-9.5dB
1.0 GHz	-10dB
1.2GHz	-11.0dB

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 54.00	-0.49		
2> 869.76	-9.45		
3: 1000.00	-10.27		
4: 1200.00	-11.10		

9 dB

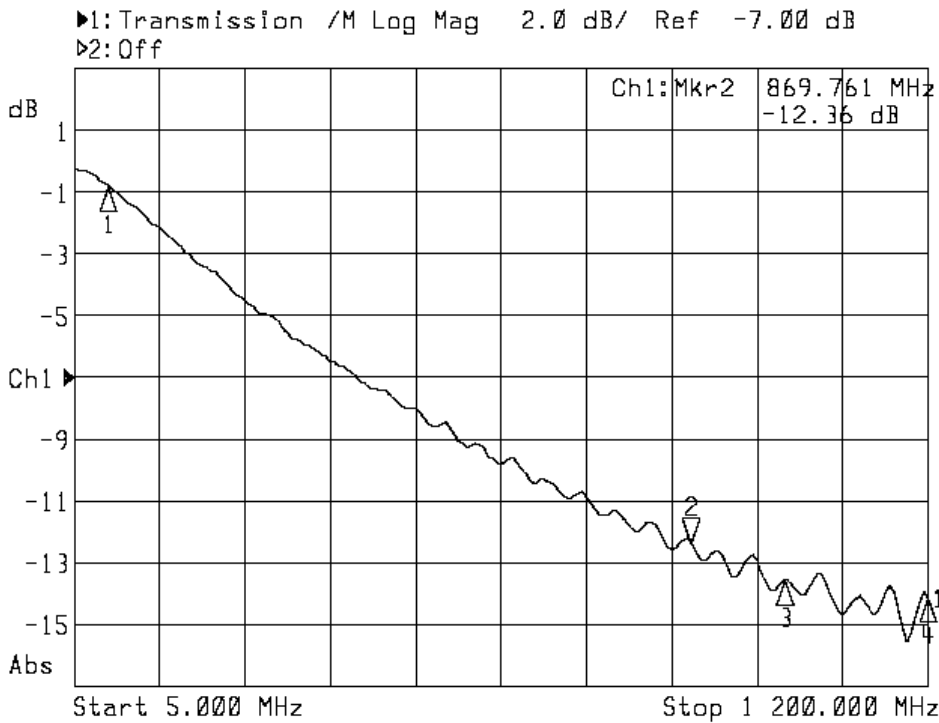


Category Cable Simulators



Cable Simulators In-Line FCS 1.2GHz

Forward sweep In-Line FCS-12-TBBS



12dB FCS	
Frequency	loss
870MHz	-12dB
1.0 GHz	-13dB
1.2GHz	-14dB

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 54.00	-0.80		
2> 869.76	-12.36		
3: 1000.00	-13.56		
4: 1200.00	-14.10		

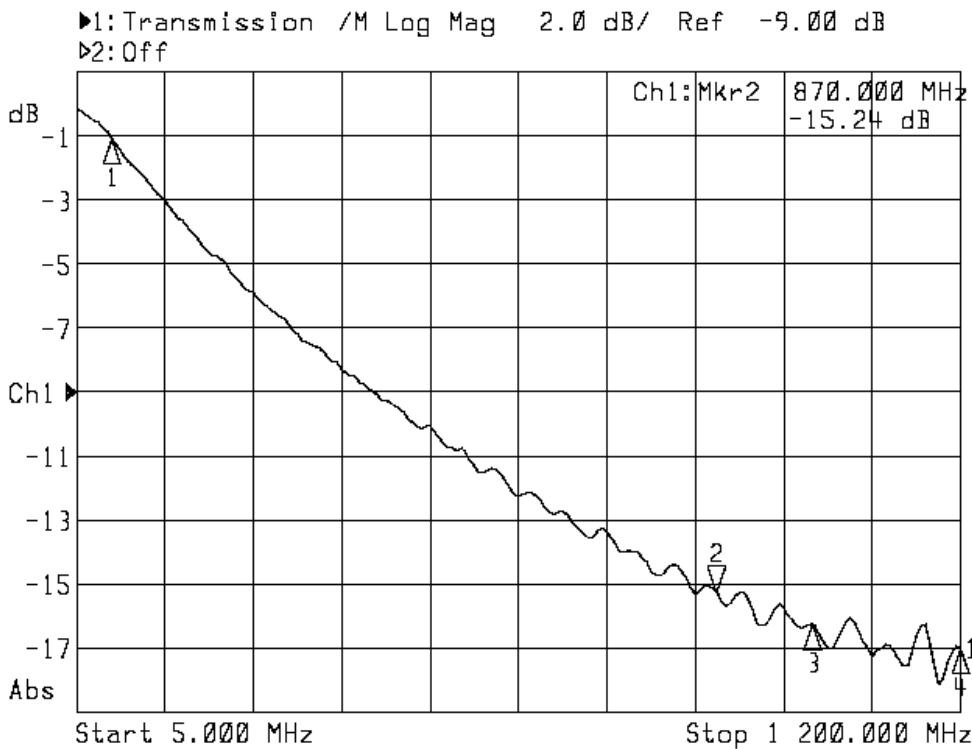
12 dB



Cable Simulators In-Line FCS 1.2GHz



Forward Sweep
In-Line FCS-15-TBBS



15dB FCS	
Frequency	loss
870MHz	-15dB
1.0 GHz	-16dB
1.2GHz	-17dB

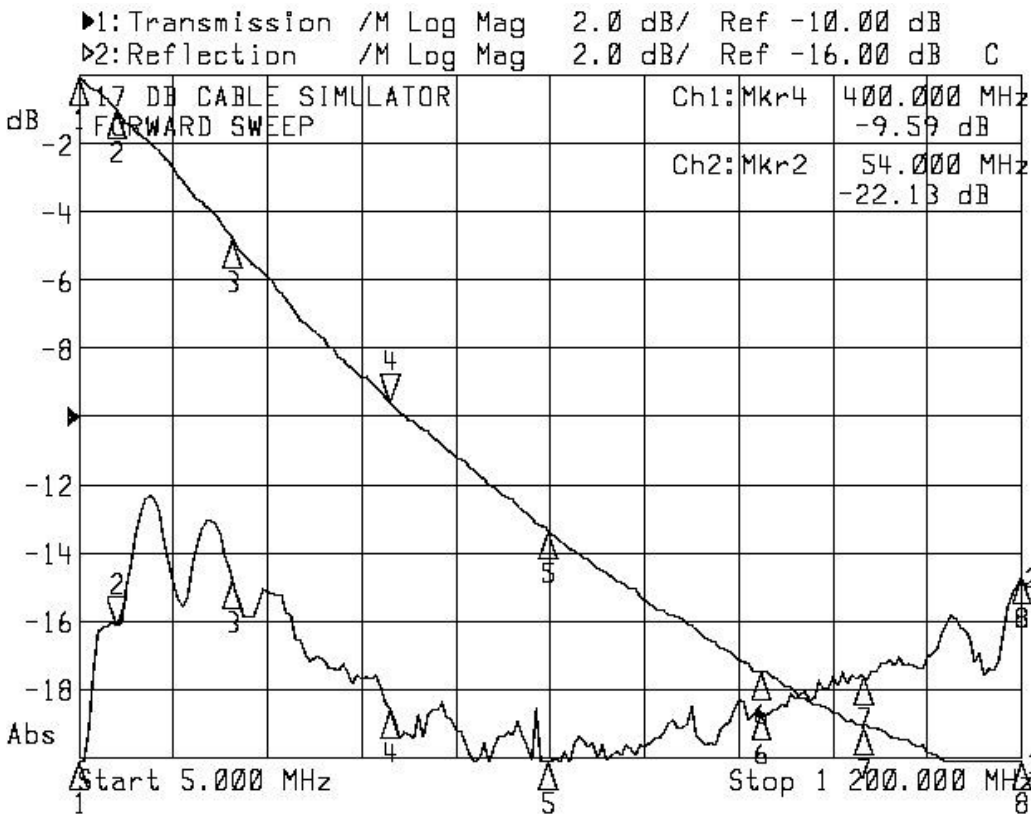
1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 54.00	-1.09		
2> 870.00	-15.24		
3: 1000.00	-16.27		
4: 1200.00	-16.99		

15 dB



Cable Simulators In-Line FCS 1.2GHz

Forward Sweep
In-Line FCS-17-TBBS



17dB FCS	
Frequency	loss
870MHz	-17dB
1.0 GHz	-19
1.2GHz	-20.5dB

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 5.00	-0.06	1: 5.00	-34.79
2: 54.00	-1.01	2> 54.00	-22.13
3: 200.00	-4.80	3: 200.00	-20.82
4> 400.00	-9.59	4: 400.00	-24.60
5: 600.00	-13.37	5: 600.00	-26.29
6: 870.00	-17.50	6: 870.00	-24.66
7: 1000.00	-19.10	7: 1000.00	-23.65
8: 1200.00	-20.88	8: 1200.00	-20.71

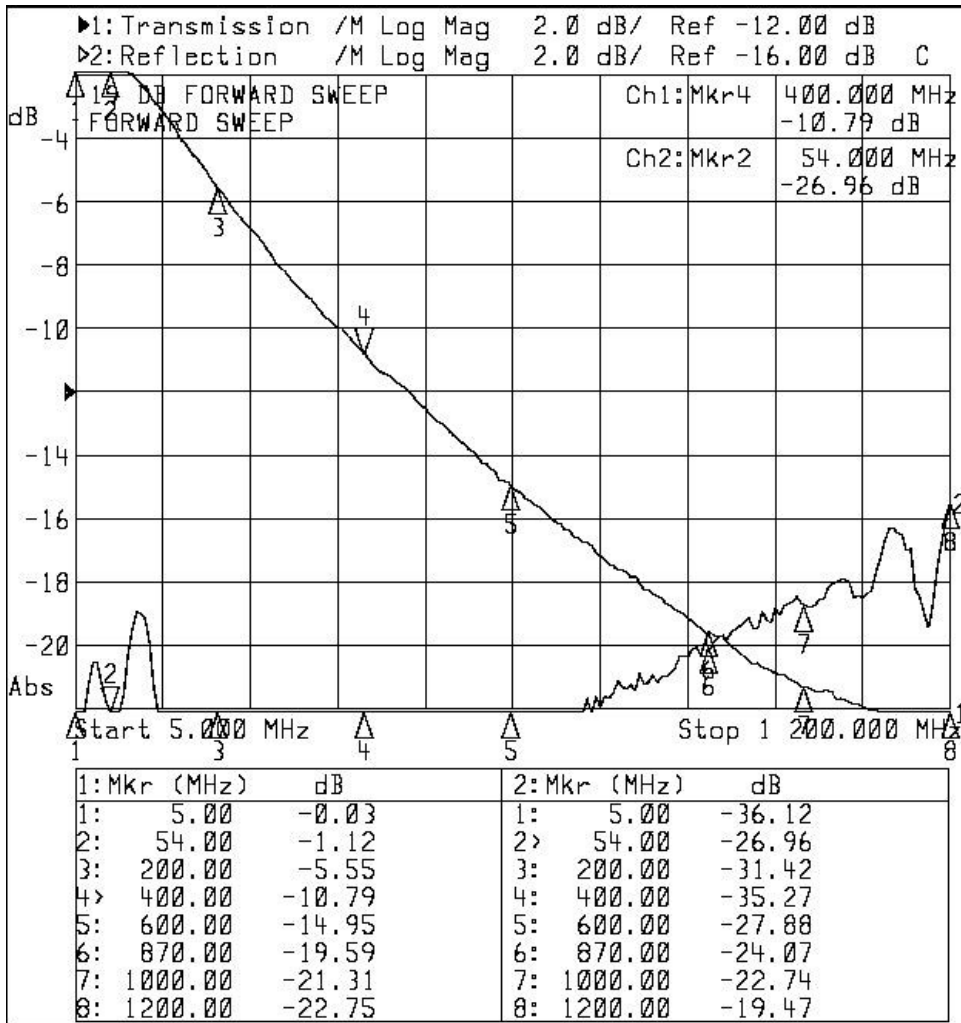
17 dB



Cable Simulators In-Line FCS 1.2GHz



Forward Sweep
In-Line FCS-19-TBBS



19dB FCS	
Frequency	loss
870MHz	-19dB
1.0 GHz	-21dB
1.2GHz	-22dB

19 dB