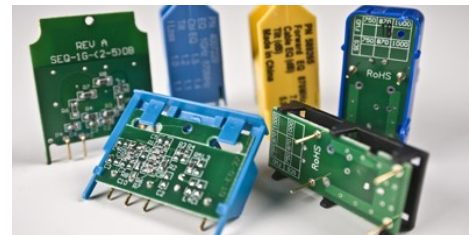




QR ordering link

Category Cable Simulators



Cable Simulators In-Line FCS 1GHz

Our **F-Style In-Line Cable Simulators (FCS)** are high quality 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 1GHz.



QR link to this Spec sheet.

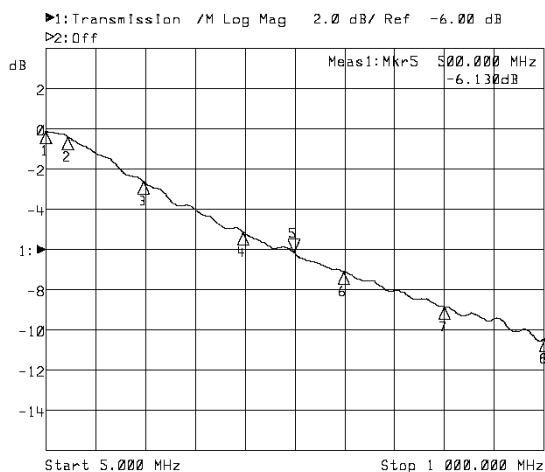
Part Number Matrix

FCS - xx TBBS

Value in decibels

xx = Values 03-15dB
3 dB increments

Sample Sweep FCS value 9dB (5MHz to 1GHz)



Specifica-

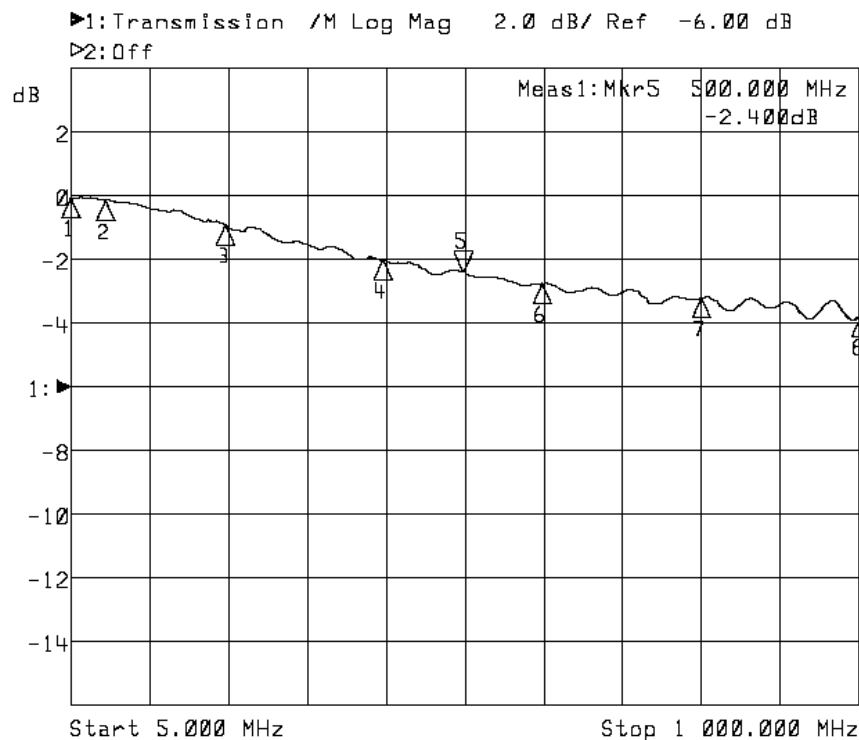
Band Pass	5 - 1002MHz
Band Pass Flatness	+/- 0.2dB (w/ respect to slope)
Return Loss	>-20dB min
RFI	125dB
Length	40mm
Diameter	11mm//.434" (7/16")
Style	One piece
Body	Nickel plated brass housing



Cable Simulators In-Line FCS 1GHz

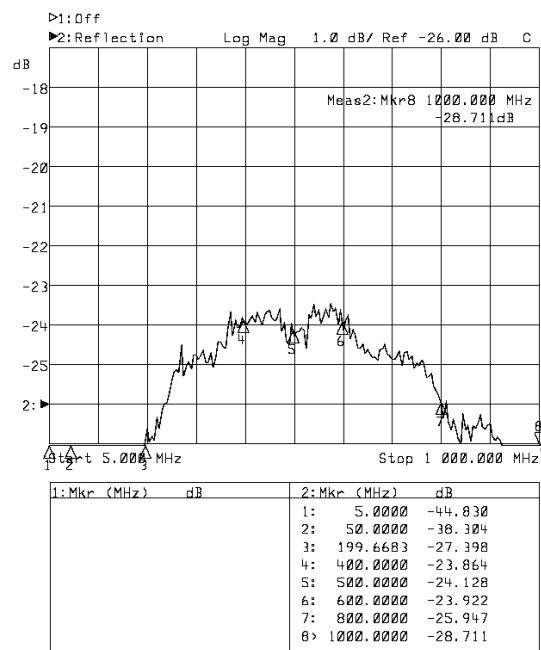
Forward sweep In-Line FCS-03-TBBS

3 dB



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 5.0000	-0.062		
2: 50.0000	-0.133		
3: 199.6683	-0.898		
4: 400.0000	-2.021		
5: 500.0000	-2.400		
6: 600.0000	-2.761		
7: 800.0000	-3.212		
8: 1000.0000	-3.780		

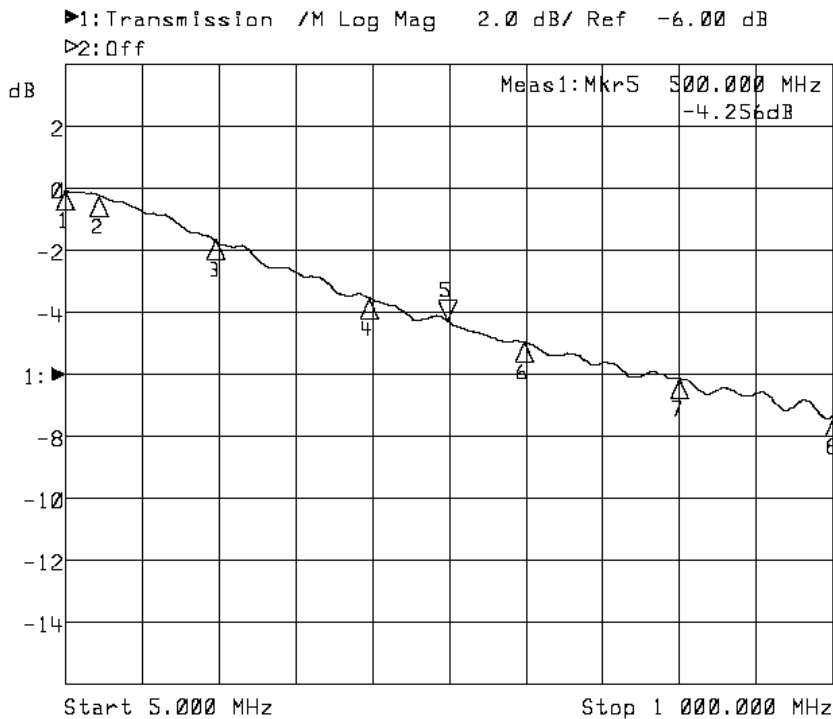
Terminated output port Reflection



1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 5.0000	-44.830		
2: 50.0000	-38.304		
3: 199.6683	-27.398		
4: 400.0000	-23.864		
5: 500.0000	-24.128		
6: 600.0000	-23.922		
7: 800.0000	-25.947		
8: 1000.0000	-28.711		



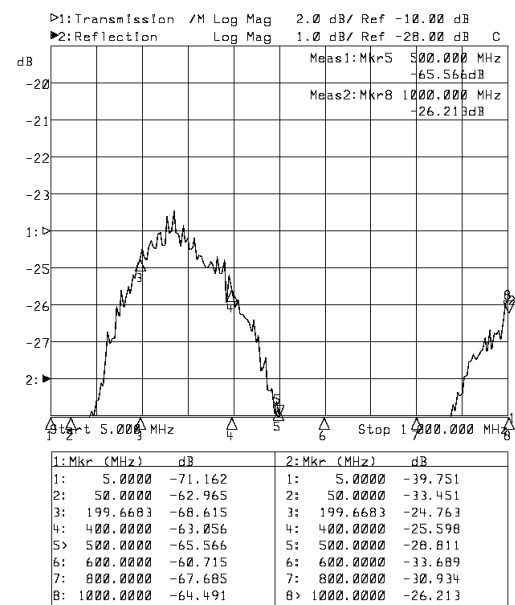
Cable Simulators In-Line FCS 1GHz



Forward sweep In-Line FCS-06-TBBS

6 dB

Terminated output port Reflection

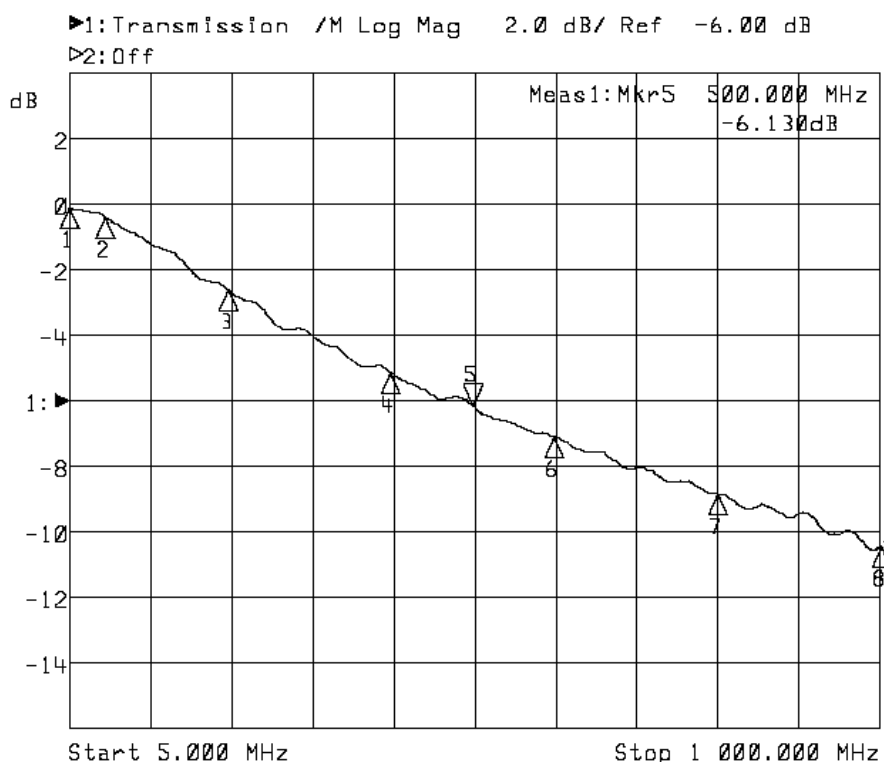




Category Cable Simulators



Cable Simulators PDLC JXP 1GHz

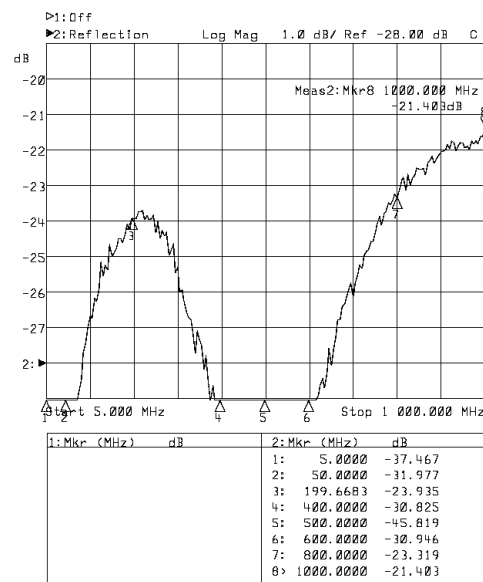


1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 5.0000	-0.118		
2: 50.0000	-0.399		
3: 199.6683	-2.594		
4: 400.0000	-5.133		
5: 500.0000	-6.130		
6: 600.0000	-7.093		
7: 800.0000	-8.838		
8: 1000.0000	-10.435		

Forward sweep In-Line FCS-09-TBBS

9 dB

Terminated output port Reflection



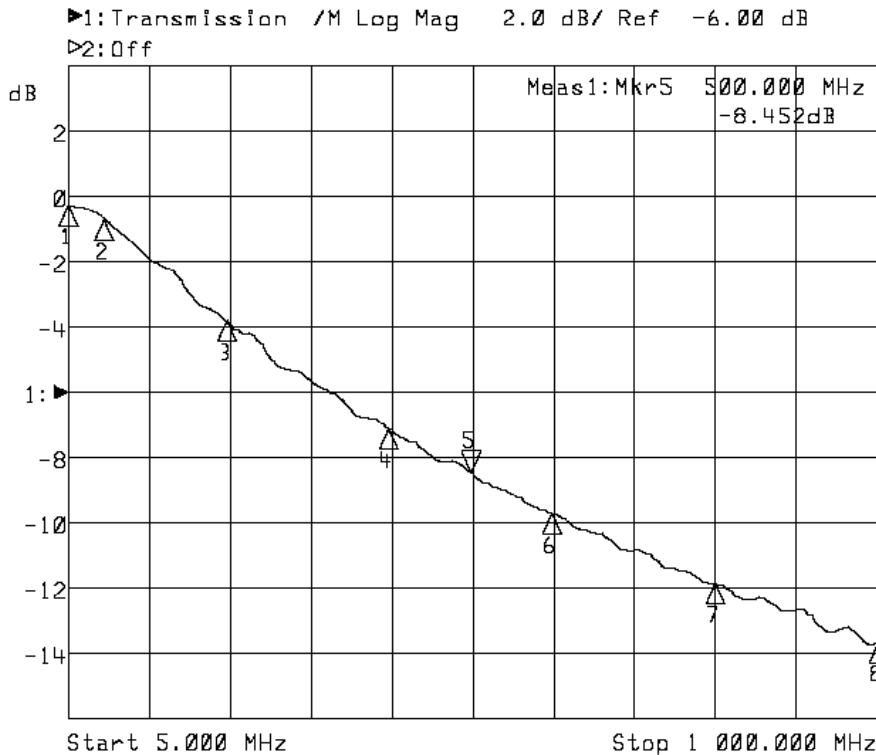
1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1: 5.0000	-37.467		
2: 50.0000	-31.977		
3: 199.6683	-23.935		
4: 400.0000	-30.825		
5: 500.0000	-45.819		
6: 600.0000	-30.946		
7: 800.0000	-23.319		
8: 1000.0000	-21.403		



Category Cable Simulators



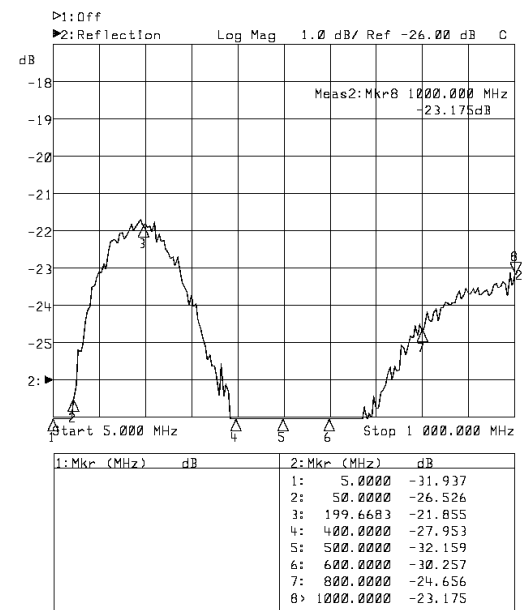
Cable Simulators PDLC JXP 1GHz



Forward sweep In-Line FCS-12-TBBS

12 dB

Terminated output port Reflection





Cable Simulators PDLC JXP 1GHz

Forward and Return sweep
In-Line FCS-15-TBBS

15 dB

