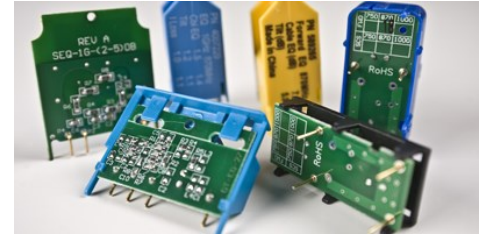




QR ordering link

Category Cable Simulators



Cable Simulators In-Line FCS 1.2/1.8GHz

Our F-Style Cable Simulators (FCS) are high quality cable inverse equalizers. They are nickel plated brass one-piece, in-line equalizers that provide sloped attenuation simulating the effects of signal loss in coax cable. Their bandwidth is from 5MHz to 1.8GHz and are presently available in values 3 - 15dB in three dB increments representing the attenuation at 870MHz.

Part Number Matrix

FCS - xx TBBS

Value in decibels

Values measured at 870MHz

- xx = 3dB
- = 6dB
- = 9dB
- = 12dB
- = 15dB
- = 17dB *
- = 19dB *

* 5MHz to 1.2GHz only

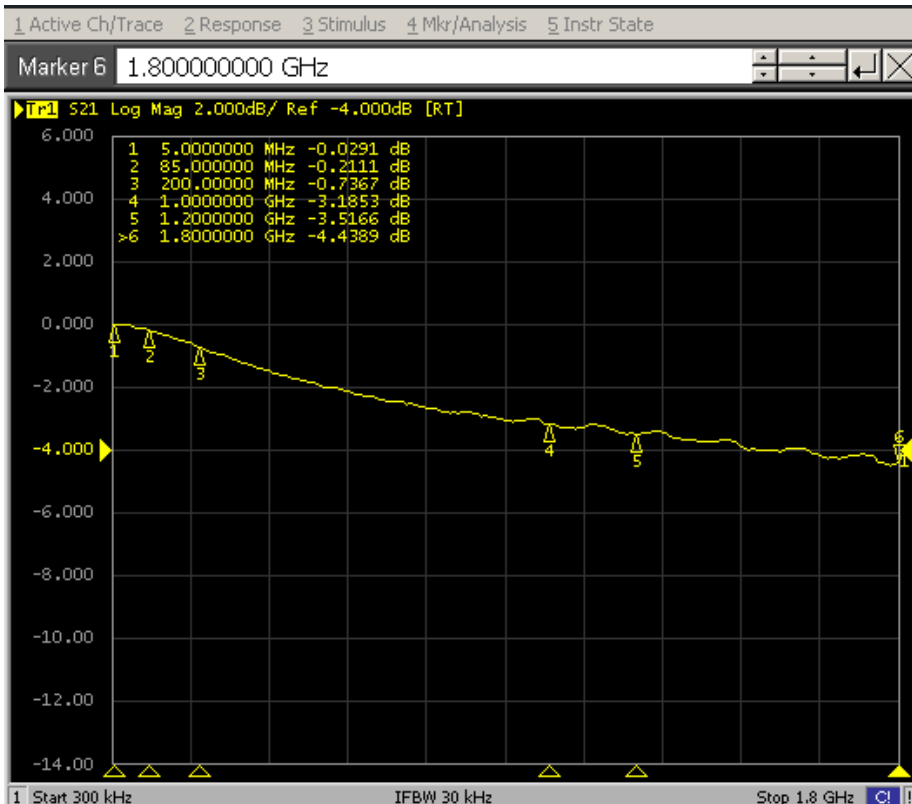


Specifications

Band Pass	5MHz - 1.8GHz values 3, 6, 9, 12 and 15
Band Pass	5MHz - 1.2GHz values 17 and 19
Band Pass Flatness	+/- 0.2dB (w/ respect to slope)
Return Loss	>-16dB min
RFI	125dB
Length	40mm
Diameter	11mm/.434" (7/16")
Style	One piece
Body	Nickel plated brass housing



Cable Simulators In-Line FCS 5MHz to 1.8GHz

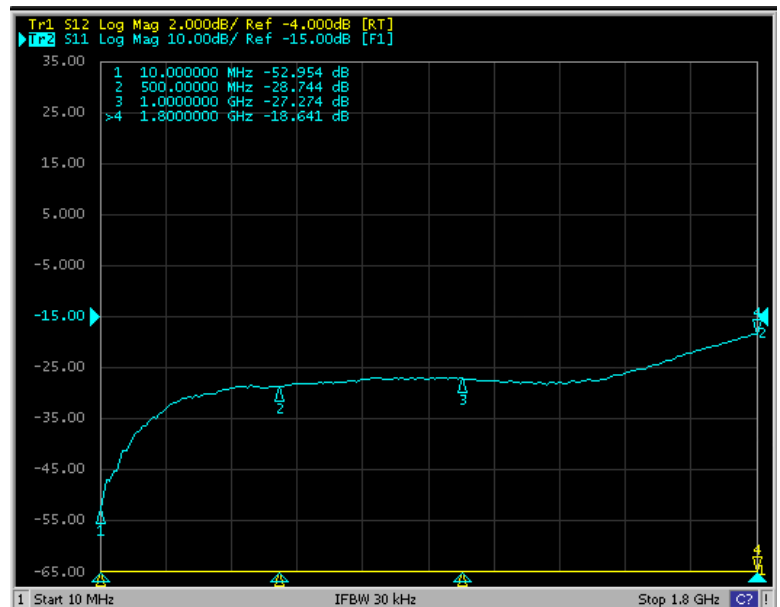


3dB FCS	
Frequency	loss
870MHz	-3dB
1.0 GHz	-3.2dB
1.2GHz	-3.5dB
1.8GHz	-4.4dB

Forward Sweep

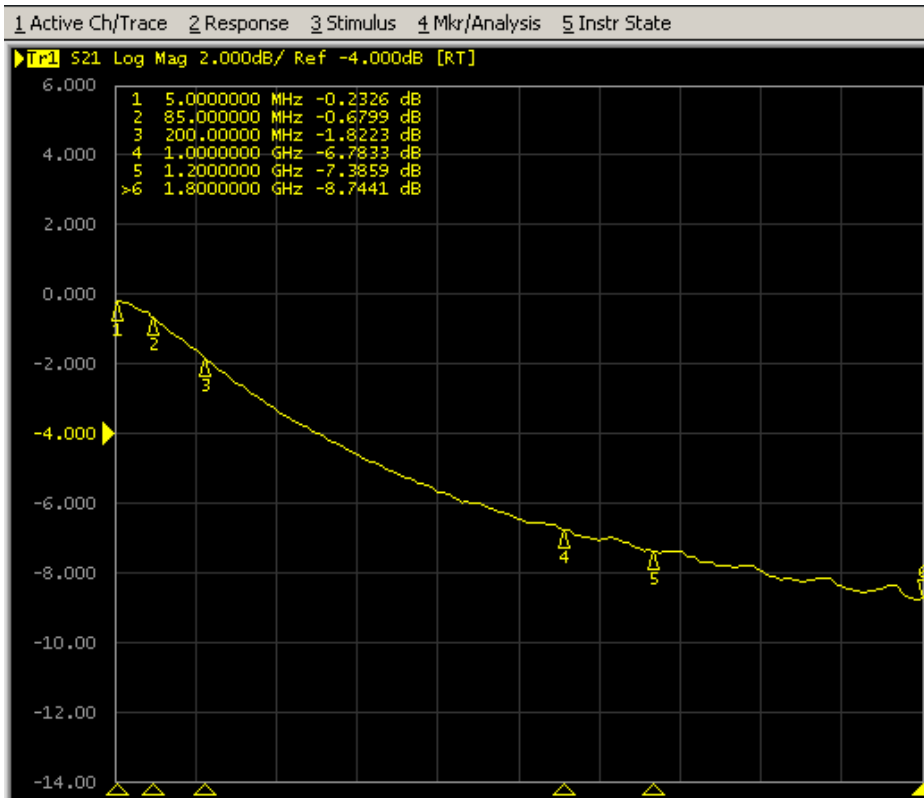
3 dB

Return Loss





Cable Simulators In-Line FCS 5MHz to 1.8GHz

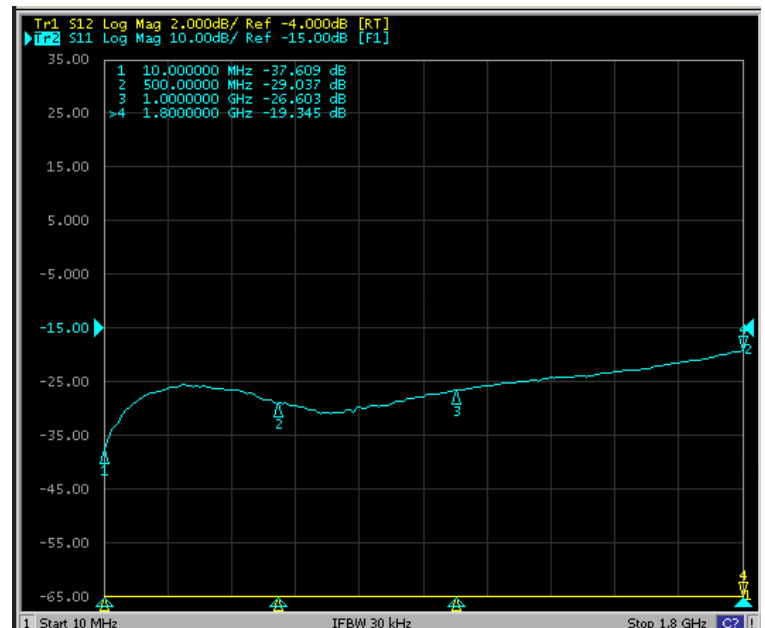


6dB FCS	
Frequency	loss
870MHz	-6.4dB
1.0 GHz	-7.0dB
1.2GHz	-7.4dB
1.8GHz	-8.4dB

Forward Sweep

6 dB

Return Loss





Cable Simulators In-Line FCS 5MHz to 1.8GHz

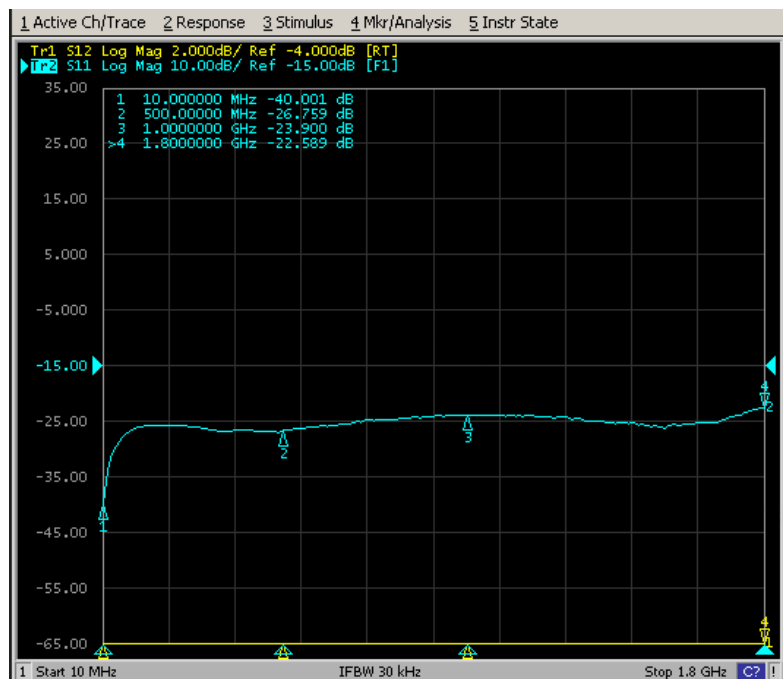


9dB FCS	
Frequency	loss
870MHz	- 9.5dB
1.0 GHz	-10dB
1.2GHz	-11.0dB
1.8GHz	- 12.7dB

Forward Sweep

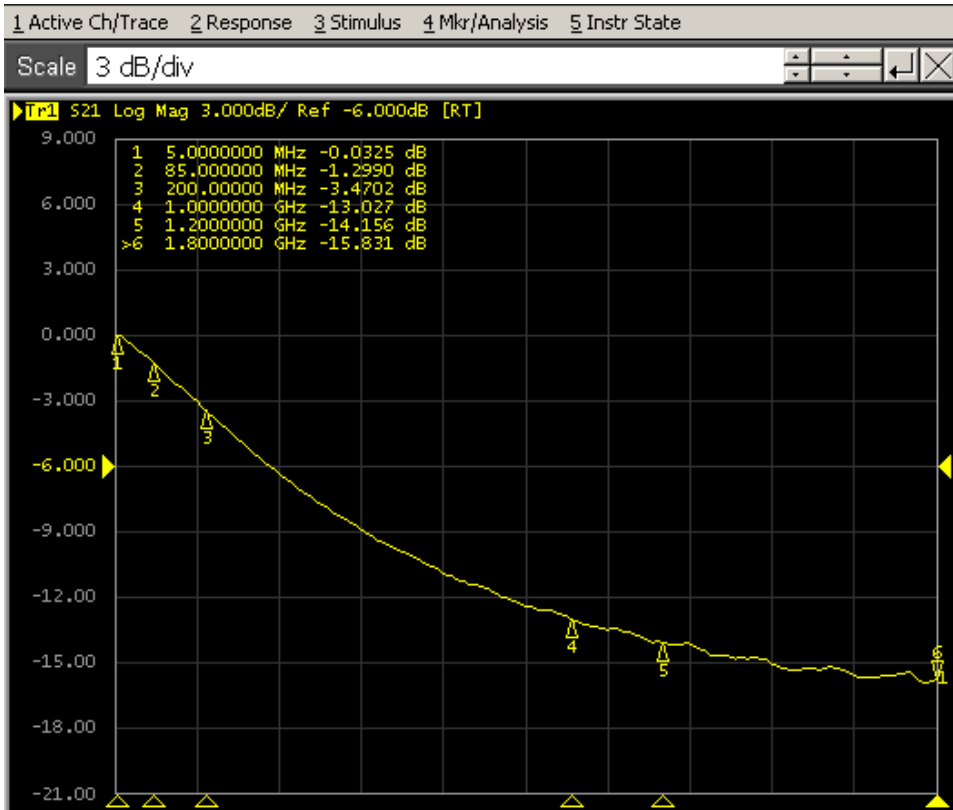
9 dB

Return Loss





Cable Simulators In-Line FCS 5MHz to 1.8GHz

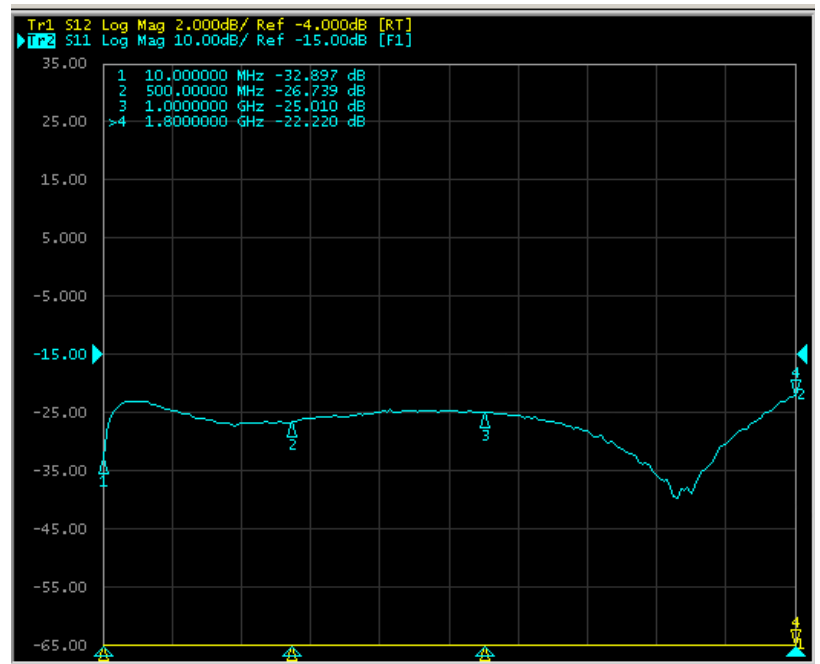


12dB FCS	
Frequency	loss
870MHz	- 12dB
1.0 GHz	-13dB
1.2GHz	-14dB
1.8GHz	-15.8dB

Forward Sweep

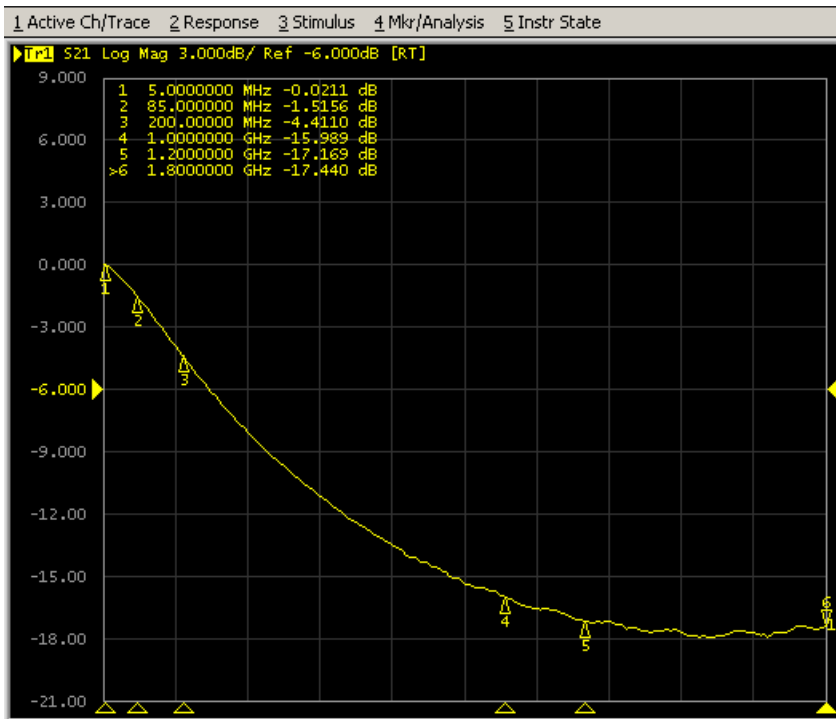
12 dB

Return Loss





Cable Simulators In-Line FCS 5MHz to 1.8GHz

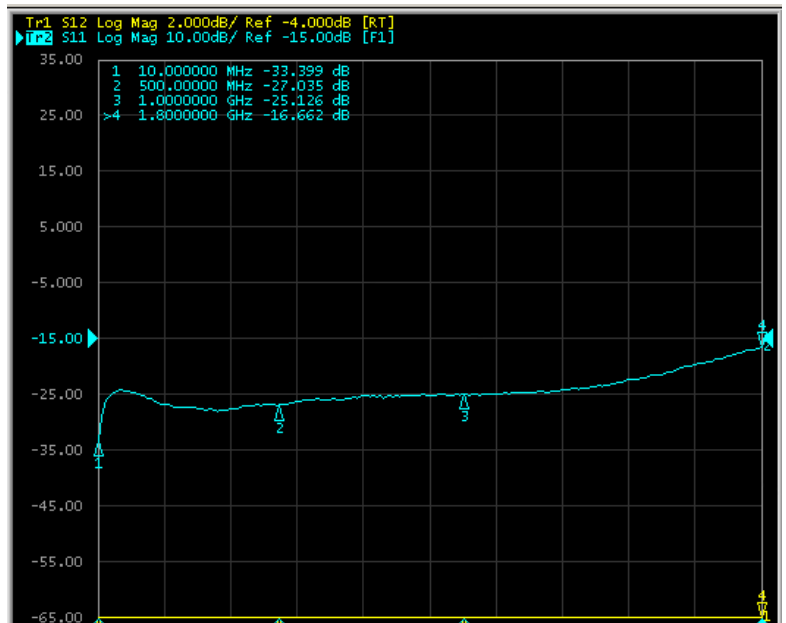


15dB FCS	
Frequency	loss
870MHz	-15dB
1.0 GHz	-16dB
1.2GHz	-17dB
1.8GHz	-17.4dB

Forward Sweep

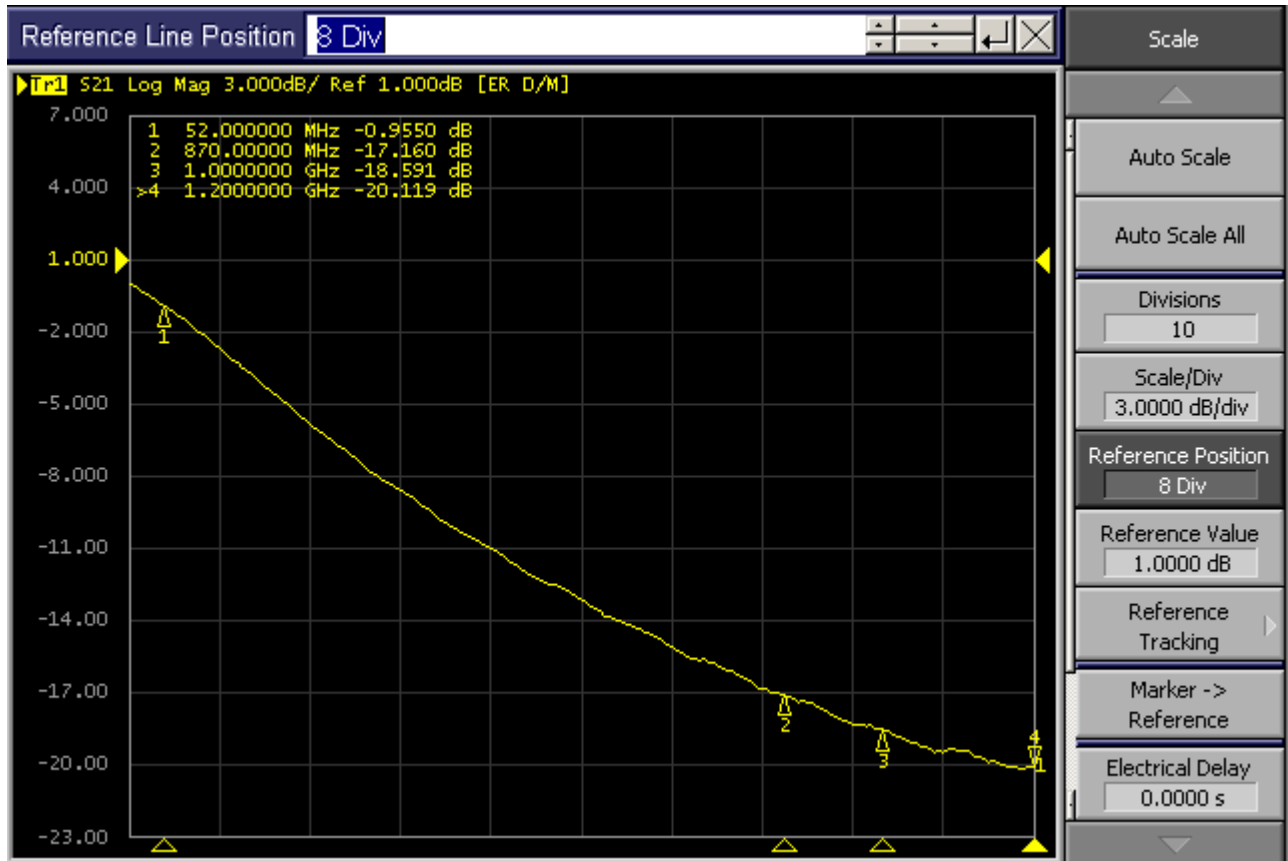
15 dB

Return Loss





Cable Simulators In-Line FCS 5MHz to 1.2GHz



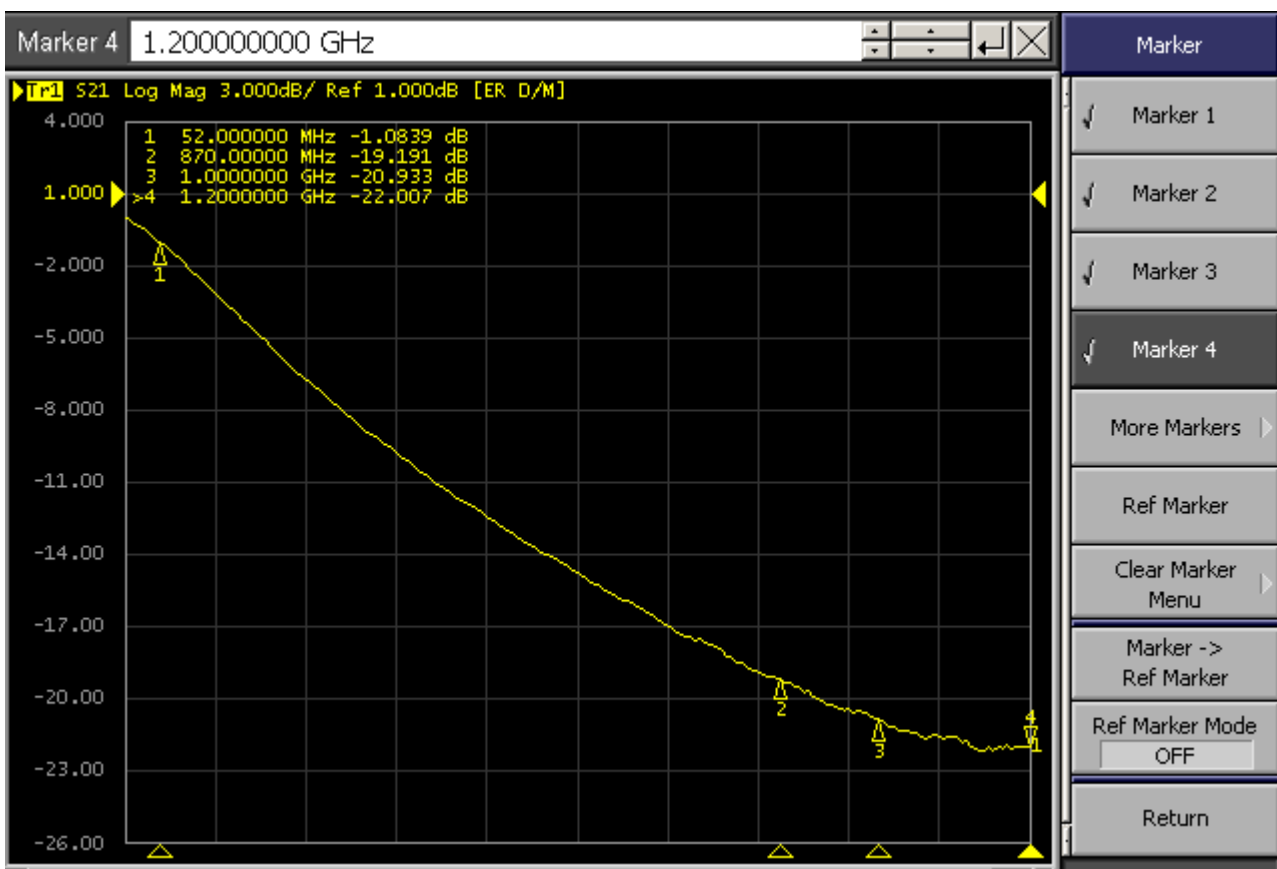
17 dB

Forward Sweep In-Line FCS-17-TBBS

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



Cable Simulators In-Line FCS 5MHz to 1.2GHz



19 dB

Forward Sweep
In-Line FCS-19-TBBS

19dB FCS	
Frequency	loss
870MHz	-19dB
1.0 GHz	-21dB
1.218GHz	-22dB