



SDA 1.2G Plug-in Accessory Loss Tables

JXP Platform Forward & Return path Equalizers

ACI's JXP pad adjustable equalizers allow for the use of the JXP style pads to set the slope value of the equalizers. This platform eliminates the need to purchase all the different fixed dB sloped values of the equalizers.



AEQ1.2G 1218 MHz JXP PLATFORM

Cable slope equalizers have a range of 0 to 22.0 dB in 1.0 dB steps
(Note: The JXPXXX-XX.X are sold separately)

Product Name	Install JXP dB Value	Nominal Insertion Loss (dB) at xxx MHz									Slope 54-1218	
		54	104	258	550	650	750	870	1002	1218		
AEQ1.2G	0	-1.0	-1.1	-0.9	-0.8	-0.7	-0.6	-0.5	-0.4	-1.1	-0.1	
	1	-2.1	-2.0	-1.7	-1.4	-1.2	-1.0	-0.9	-0.9	-1.2	0.9	
	2	-3.0	-3.2	-2.5	-1.9	-1.6	-1.3	-1.2	-1.2	-1.2	-1.3	1.7
	3	-4.1	-3.9	-3.4	-2.4	-2.1	-1.8	-1.6	-1.4	-1.4	-1.2	2.9
	4	-4.9	-4.8	-4.1	-2.9	-2.5	-2.2	-1.8	-1.6	-1.6	-1.2	3.7
	5	-6.0	-5.8	-4.9	-3.4	-3.0	-2.5	-2.1	-1.7	-1.7	-1.1	4.9
	6	-6.9	-6.7	-5.7	-3.8	-3.3	-2.8	-2.3	-1.8	-1.8	-1.0	5.9
	7	-7.9	-7.6	-6.5	-4.3	-3.6	-3.0	-2.4	-1.9	-1.9	-1.1	6.8
	8	-8.9	-8.6	-7.3	-4.8	-3.9	-3.3	-2.5	-1.9	-1.9	-1.0	7.9
	9	-10.0	-9.6	-8.0	-5.2	-4.3	-3.6	-2.7	-1.9	-1.9	-1.0	9.0
	10	-11.0	-10.6	-8.8	-5.6	-4.6	-3.7	-2.8	-1.9	-1.9	-1.0	10.0
	11	-12.0	-11.5	-9.5	-6.0	-4.9	-3.9	-2.8	-1.9	-1.9	-1.0	11.0
	12	-12.9	-12.4	-10.1	-6.3	-5.2	-4.1	-3.0	-2.0	-2.0	-0.9	12.0
	13	-14.0	-13.4	-10.9	-6.6	-5.4	-4.3	-3.0	-2.0	-2.0	-0.9	13.1
	14	-14.9	-14.2	-11.4	-7.0	-5.8	-4.6	-3.3	-2.1	-2.1	-0.9	14.0
	15	-15.3	-15.1	-12.0	-7.3	-5.9	-4.6	-3.2	-1.8	-1.8	-0.9	14.4
	16	-16.8	-15.9	-12.7	-7.6	-6.0	-4.7	-3.2	-2.0	-2.0	-0.9	15.9
	17	-17.8	-16.8	-13.1	-7.8	-6.3	-4.9	-3.3	-2.0	-2.0	-0.9	16.9
	18	-18.6	-17.5	-13.6	-8.1	-6.5	-5.0	-3.4	-2.1	-2.1	-0.9	17.7
	19	-19.5	-18.3	-14.1	-8.3	-6.8	-5.1	-3.4	-2.1	-2.1	-0.9	18.6
	20	-20.5	-19.1	-14.5	-8.5	-6.8	-5.2	-3.5	-2.1	-2.1	-0.9	19.6
	21	-21.7	-20.1	-15.0	-8.7	-6.9	-5.2	-3.4	-2.0	-2.0	-0.8	20.9
22	-22.0	-20.4	-15.2	-8.7	-6.9	-5.2	-3.6	-2.2	-2.2	-0.7	21.3	



ACEQ1.2G 1218 MHz JXP PLATFORM (Low Range 1-8 dB)

The low range cable simulator equalizers have a range of 1.0 to 8.0 dB in 1.0 dB steps
(Note: The JXPXXX-XX.X are sold separately)

Product Name	Install JXP dB Value	Nominal Insertion Loss (dB) at xxx MHz									Slope 54-1218
		54	104	258	550	650	750	870	1002	1218	
ACEQ1.2G	1	-0.2	-0.2	-0.4	-0.6	-0.6	-0.7	-0.9	-1.2	-2.0	-1.8
	2	-0.2	-0.3	-0.6	-1.0	-0.9	-1.2	-1.4	-1.7	-3.1	-2.9
	3	-0.1	-0.3	-0.7	-1.3	-1.3	-1.7	-2.0	-2.4	-3.9	-3.8
	4	-0.1	-0.3	-0.9	-1.6	-1.8	-2.1	-2.6	-3.3	-4.8	-4.7
	5	-0.1	-0.2	-1.0	-1.9	-1.9	-2.6	-3.1	-4.1	-5.8	-5.7
	6	-0.1	-0.2	-1.0	-2.2	-2.4	-2.9	-3.7	-4.7	-6.8	-6.7
	7	-0.1	-0.2	-1.0	-2.4	-2.7	-3.0	-4.2	-5.4	-7.8	-7.7
	8	-0.1	-0.2	-1.1	-2.6	-3.0	-3.7	-4.7	-6.0	-8.4	-8.3



ACEQH1.2G 1218 MHz JXP PLATFORM (High Range 9-15 dB)

The high range cable simulator equalizers have a range of 9.0 to 15.0 dB in 1.0 dB steps
(Note: The JXPXXX-XX.X are sold separately)

Product Name	Install JXP dB Value	Nominal Insertion Loss (dB) at xxx MHz									Slope 54-1218
		54	104	258	550	650	750	870	1002	1218	
ACEQH1.2G	9	-0.1	-0.5	-2.3	-6.0	-6.8	-7.5	-8.1	-8.6	-10.0	-9.9
	10	-0.1	-0.5	-2.3	-6.2	-7.2	-7.9	-8.5	-9.1	-10.5	-10.4
	11	-0.1	-0.5	-2.3	-6.4	-7.4	-8.2	-9.0	-9.7	-11.5	-11.4
	12	-0.1	-0.5	-2.3	-6.5	-7.6	-8.4	-9.4	-10.2	-12.2	-12.1
	13	-0.1	-0.5	-2.3	-6.6	-7.8	-8.8	-9.7	-10.7	-13.1	-13.0
	14	-0.1	-0.5	-2.3	-6.6	-7.8	-9.0	-10.0	-11.2	-13.9	-13.8
	15	-0.1	-0.5	-2.2	-6.7	-8.0	-9.2	-10.3	-11.6	-14.4	-14.3



AREQPE42 42 MHz JXP PLATFORM (5-Pin)

Reverse equalizers available from 0 to 12.0 dB in 1.0 dB steps
 (Note: The JXPXXX-XX.X are sold separately)

Product Name	Install JXP dB Value	Nominal Insertion Loss (dB) at xxx MHz					Slope 5-42
		5	10	35	40	42	
AREQPE42	0	-1.8	-2.4	-2.7	-1.8	-0.9	0.9
	1	-2.8	-3.3	-2.9	-1.8	-0.9	1.9
	2	-3.7	-4.1	-2.9	-1.8	-0.9	2.8
	3	-4.7	-5.0	-3.1	-1.9	-0.9	3.8
	4	-5.6	-5.8	-3.2	-1.8	-0.9	4.7
	5	-6.7	-6.1	-3.3	-1.9	-0.9	5.8
	6	-7.6	-7.5	-3.4	-1.9	-1.0	6.6
	7	-8.5	-8.3	-3.5	-1.9	-0.9	7.6
	8	-9.5	-9.1	-3.6	-2.0	-0.9	8.6
	9	-10.5	-9.9	-3.7	-1.8	-1.0	9.5
	10	-11.4	-10.7	-3.7	-2.0	-1.0	10.4
	11	-12.4	-11.4	-3.8	-2.1	-1.0	11.4
12	-13.1	-12.0	-3.9	-2.0	-1.0	12.1	



AREQPE85 85 MHz JXP PLATFORM (5-Pin)

Reverse equalizers available from 0 to 12.0 dB in 1.0 dB steps
 (Note: The JXPXXX-XX.X are sold separately)

Product Name	Install JXP dB Value	Nominal Insertion Loss (dB) at xxx MHz						Slope 5-85	
		5	10	35	42	55	65		85
AREQPE85	0	-1.7	-2.0	-2.8	-2.9	-2.9	-2.7	-1.2	0.5
	1	-2.7	-3.0	-3.6	-3.5	-3.2	-2.9	-1.2	1.5
	2	-3.7	-3.9	-4.2	-4.0	-3.5	-3.0	-1.2	2.5
	3	-4.8	-4.9	-5.0	-4.6	-3.8	-3.2	-1.2	3.6
	4	-5.6	-5.8	-5.6	-5.2	-4.1	-3.3	-1.2	4.4
	5	-6.6	-6.8	-6.3	-5.7	-4.4	-3.5	-1.2	5.4
	6	-7.6	-7.8	-6.9	-6.2	-4.7	-3.6	-1.2	6.4
	7	-8.5	-8.7	-7.5	-6.7	-5.0	-3.7	-1.2	7.3
	8	-9.6	-9.7	-8.2	-7.2	-5.3	-3.8	-1.2	8.4
	9	-10.7	-10.7	-8.8	-7.7	-5.5	-4.0	-1.2	9.5
	10	-11.6	-11.7	-9.3	-8.1	-5.8	-4.1	-1.2	10.4
	11	-12.7	-12.7	-9.8	-8.5	-6.0	-4.2	-1.2	11.5
12	-13.6	-13.5	-10.2	-8.8	-6.2	-4.3	-1.3	12.3	



AREQPE204 204 MHz JXP PLATFORM (5-Pin)

Reverse equalizers available from 0 to 12.0 dB in 1.0 dB steps
 (Note: The JXPXXX-XX.X are sold separately)

Product Name	Install JXP dB Value	Nominal Insertion Loss (dB) at xxx MHz							Slope 5-204
		5	10	35	42	55	85	204	
AREQPE204	0	-2.5	-2.7	-3.8	-3.9	-3.9	-3.9	-1.2	1.3
	1	-3.6	-3.7	-4.7	-4.8	-4.7	-4.5	-1.3	2.3
	2	-4.4	-4.6	-5.5	-5.6	-5.4	-5.0	-1.3	3.1
	3	-5.4	-5.7	-6.4	-6.4	-6.2	-5.5	-1.4	4.0
	4	-6.4	-6.6	-7.3	-7.2	-6.9	-6.1	-1.4	5.0
	5	-7.4	-7.6	-8.2	-8.1	-7.7	-6.6	-1.5	5.9
	6	-8.3	-8.5	-9.0	-8.9	-8.4	-7.1	-1.6	6.7
	7	-9.4	-9.6	-9.9	-9.7	-9.1	-7.6	-1.7	7.7
	8	-10.4	-10.5	-10.7	-10.5	-9.8	-8.1	-1.7	8.7
	9	-11.5	-11.6	-11.6	-11.3	-10.5	-8.6	-1.7	9.8
	10	-12.5	-12.6	-12.4	-12.1	-11.2	-9.0	-1.8	10.7
	11	-13.5	-13.6	-13.2	-12.7	-11.7	-9.4	-1.8	11.7
	12	-14.4	-14.5	-13.9	-13.4	-12.3	-9.7	-1.9	12.5

Jumper / Splitter / Directional Couplers - Horizontal 1.2G



Part Number	Description	Leg	Frequency MHz								
			54	104	258	550	650	750	870	1002	1218
SDA1.2G-SPLT	SPLITTER	Thru	3.7	3.8	3.9	4.0	4.1	4.2	4.4	4.6	4.7
		Tap	3.6	3.7	3.9	3.9	3.9	4.1	4.2	4.4	4.5
SDA1.2-DC8	DIR COUPLER 8 dB	Thru	8.5	8.5	8.4	7.8	7.7	7.7	7.8	8.1	8.4
		Tap	1.3	1.4	1.5	1.7	1.8	2.0	2.1	2.2	2.5
SDA1.2-DC10	DIR COUPLER 10 dB	Thru	10.1	9.1	9.8	9.4	9.2	9.1	9.0	9.1	9.5
		Tap	0.7	0.8	0.8	0.9	1.0	1.0	1.1	1.2	1.2
SDA1.2-DC12	DIR COUPLER 12 dB	Thru	11.8	11.9	11.8	11.7	11.8	11.8	11.9	12.0	12.6
		Tap	0.8	0.9	0.9	1.2	1.1	1.3	1.4	1.5	1.6