



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.



AEQDA1G 1002 MHz (JXP PLATFORM)

Cable slope equalizers have a range of 0 to 18.0 dB in 1.0 dB steps by
(Note: The JXPXXX-XX.X are sold separately)

Product Name	Install JXP dB Value	Nominal Insertion Loss (dB) at xxx MHz								Slope 54-1002
		54	85	105	258	550	750	870	1002	
AEQDA1G 1002 MHz	0	0.7	0.7	0.7	0.6	0.5	0.3	0.3	0.5	0.2
	1	2.1	1.7	1.6	1.3	0.9	0.7	0.7	1.0	1.1
	2	2.9	2.6	2.5	2.0	1.3	1.0	1.0	1.1	1.8
	3	3.7	3.6	3.5	2.8	1.8	1.4	1.3	1.2	2.5
	4	4.5	4.4	4.3	3.5	2.1	1.6	1.4	1.1	3.4
	5	5.7	5.5	5.4	4.3	2.7	1.2	1.6	1.1	4.6
	6	6.4	6.3	6.1	4.8	2.9	2.1	1.6	1.1	5.3
	7	7.4	7.2	7.1	5.6	3.3	2.3	1.7	1.0	6.4
	8	8.5	8.2	8.1	6.3	3.7	2.4	1.7	1.0	7.5
	9	9.5	9.3	9.1	7.0	4.1	2.6	1.7	1.0	8.5
	10	10.5	10.2	10.0	7.7	4.3	2.5	1.7	1.0	9.5
	11	11.5	11.2	11.0	8.4	4.6	2.6	1.7	1.0	10.5
	12	12.4	12.0	11.8	8.9	4.8	2.8	1.7	1.0	11.4
	13	13.4	13.0	12.6	9.5	5.1	3.0	1.7	0.9	12.5
	14	14.3	13.8	13.5	10.0	5.3	2.9	1.8	1.0	13.3
	15	15.3	14.7	14.2	10.5	5.6	3.0	1.8	0.9	14.4
	16	16.1	15.5	15.0	11.0	5.8	3.0	1.8	1.0	15.1
	17	17.1	16.4	15.9	11.5	5.9	3.0	1.8	0.9	16.2
	18	18.1	17.3	16.6	11.9	6.1	3.1	1.7	0.9	17.2



ACEQ1G 1002 MHz (JXP PLATFORM) LOW RANGE

Cable simulator equalizers have a range of 0 to 8.0 dB in 1.0 dB steps by
(Note: The JXPXXX-XX.X are sold separately)

Product Name	Install JXP dB Value	Nominal Insertion Loss (dB) at xxx MHz								Slope 54-1002
		54	85	105	258	550	750	870	1002	
ACEQ1G 1002 MHz	0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.4	-0.4
	1	0.2	0.3	0.4	0.5	0.7	0.9	1.1	1.4	-1.2
	2	0.2	0.4	0.5	0.8	1.2	1.5	1.8	2.3	-2.1
	3	0.1	0.3	0.5	1.1	1.7	2.2	2.6	3.3	-3.2
	4	0.1	0.3	0.5	1.2	2.1	2.8	3.3	4.1	-4.0
	5	0.1	0.3	0.4	1.3	2.5	3.5	4.1	5.3	-5.2
	6	0.1	0.3	0.4	1.4	2.9	4.0	4.7	5.9	-5.8
	7	0.1	0.2	0.5	1.6	3.3	4.9	5.9	7.2	-7.1
	8	0.1	0.2	0.4	1.6	3.7	5.4	6.6	8.2	-8.1



ACEQH1G 1002 MHz (JXP PLATFORM) HIGH RANGE

1002 MHz cable simulator equalizers have a range of 9.0 to 15.0 dB in 1.0 dB steps by JXPXXX-9.0 to JXPXXX-15.0 (Note, JXPXXX-XX.X are sold separately)

Product Name	Install JXP dB Value	Nominal Insertion Loss (dB) at xxx MHz								Slope 54-1002 MHz
		54	85	105	258	550	750	870	1002	
ACEQH1G	9	-0.2	-0.4	-0.6	-2.1	-6.0	-7.9	-8.8	-10.0	-9.8
	10	-0.2	-0.4	-0.6	-2.0	-6.2	-8.3	-9.3	-10.6	-10.4
	11	-0.2	-0.4	-0.5	-2.1	-6.4	-8.9	-10.0	-11.5	-11.3
	12	-0.2	-0.4	-0.5	-2.0	-6.5	-9.1	-10.4	-12.1	-11.9
	13	-0.2	-0.4	-0.5	-2.0	-6.7	-9.6	-11.2	-13.1	-12.9
	14	-0.2	-0.4	-0.5	-2.0	-6.6	-9.7	-11.5	-13.8	-13.6
	15	-0.2	-0.4	-0.5	-2.0	-6.7	-9.9	-11.8	-14.2	-14.0



ALEQ 1002 MHz (JXP PLATFORM)

Linear slope equalizers are available from 0 to 18.0 dB in 1.0 dB steps by (Note: The JXPXXX-XX.X are sold separately)

Product Name	Install JXP dB Value	Nominal Insertion Loss (dB) at xxx MHz								Slope 54-1002
		54	85	105	258	550	750	870	1002	
ALEQ 1002 MHz	0	-0.7	-0.8	-0.7	-0.7	-0.5	-0.5	-0.4	-0.7	0.1
	1	-1.7	-1.7	-1.7	-1.5	-1.0	-0.8	-0.7	-0.8	0.9
	2	-2.6	-2.6	-2.6	-2.2	-1.5	-1.1	-0.9	-0.8	1.8
	3	-3.6	-3.6	-3.6	-3.1	-2.0	-1.4	-1.1	-0.9	2.8
	4	-4.5	-4.5	-4.5	-3.7	-2.4	-1.7	-1.2	-0.8	3.7
	5	-5.6	-5.5	-5.4	-4.5	-2.9	-2.0	-1.4	-0.8	4.7
	6	-6.5	-6.4	-6.4	-5.3	-3.3	-2.3	-1.7	-0.8	5.7
	7	-7.5	-7.4	-7.3	-6.1	-3.7	-2.5	-1.8	-0.8	6.7
	8	-8.5	-8.3	-8.3	-6.8	-4.2	-2.8	-1.8	-0.7	7.8
	9	-9.6	-9.4	-9.3	-7.6	-4.6	-3.0	-1.8	-0.8	8.8
	10	-10.6	-10.4	-10.2	-8.4	-5.0	-3.0	-1.8	-0.8	9.8
	11	-11.6	-11.4	-11.2	-9.1	-5.4	-3.2	-1.9	-0.7	10.9
	12	-12.5	-12.2	-12.0	-9.7	-5.6	-3.3	-1.8	-0.7	11.8
	13	-13.5	-13.2	-13.0	-10.4	-6.0	-3.4	-1.8	-0.7	12.8
	14	-14.4	-14.1	-13.8	-11.0	-6.3	-3.6	-1.9	-0.7	13.7
	15	-15.4	-15.1	-14.7	-11.6	-6.5	-3.5	-1.8	-0.7	14.7
	16	-16.3	-15.8	-15.4	-12.1	-6.8	-3.8	-2.0	-0.7	15.6
	17	-17.3	-16.7	-16.3	-12.7	-7.1	-3.8	-2.0	-0.7	16.6
18	-18.4	-17.8	-17.4	-13.4	-7.3	-3.8	-2.0	-0.7	17.7	



AREQDA42 42 MHz (JXP PLATFORM)
For use in SDA/ALX 1G only (4-Pin)

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

Product Name	Installed JXP dB Value	Nominal Insertion Loss (dB) at xxx MHz				Slope 5-42MHz
		5MHz	10MHz	35MHz	42MHz	
AREQDA42	0	0.5	0.4	0.1	0.3	0.2
	1	1.5	1.3	0.3	0.2	1.3
	2	2.3	2.1	0.4	0.2	2.1
	3	3.4	3.1	0.4	0.2	3.2
	4	4.2	3.8	0.5	0.2	4.0
	5	5.3	4.7	0.5	0.2	5.1
	6	6.1	5.5	0.6	0.2	5.9
	7	7.1	6.3	0.7	0.2	6.9
	8	8.0	7.1	0.7	0.2	7.8
	9	9.0	7.9	0.8	0.2	8.8
	10	10.1	8.8	0.9	0.2	9.9
	11	11.0	9.4	0.9	0.3	10.7
12	11.7	10.0	1.0	0.3	11.4	



AREQDA 85 MHz (JXP PLATFORM)
For use in SDA/ALX 1G only (4 Pin)

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

Product Name	Installed JXP dB Value	Nominal Insertion Loss (dB) at xxx MHz							Slope 5-85MHz
		5MHz	10MHz	35MHz	42MHz	55MHz	65MHz	85MHz	
AREQDA85	0	0.5	0.4	0.4	0.3	0.4	0.3	0.3	0.2
	1	1.5	1.4	1.1	1.0	0.7	0.5	0.4	1.1
	2	2.4	2.3	1.8	1.5	0.7	0.7	0.4	2.0
	3	3.4	3.3	2.5	2.1	1.5	1.0	0.4	3.0
	4	4.3	4.2	3.1	2.7	1.8	1.2	0.4	3.9
	5	5.4	5.3	3.9	3.3	2.2	1.4	0.5	4.9
	6	6.3	6.1	4.4	3.7	2.5	1.6	0.5	5.8
	7	7.3	7.1	5.0	4.2	2.8	1.8	0.5	6.8
	8	8.2	8.1	5.6	4.7	3.1	2.0	0.5	7.7
	9	9.4	9.1	6.2	5.2	3.4	2.2	0.6	8.8
	10	10.4	10.0	6.8	5.6	3.7	2.5	0.6	9.8
	11	11.4	11.0	7.3	6.1	4.0	2.5	0.6	10.8
12	12.3	11.8	7.7	6.4	4.2	2.6	0.6	11.7	



AREQDA 204 MHz (JXP PLATFORM)

For use in SDA/ALX 1G only (4 Pin)

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

Product Name	Installed JXP dB Value	Nominal Insertion Loss (dB) at xxx MHz							Slope 5-204MHz
		5MHz	10MHz	35MHz	42MHz	55MHz	85MHz	204MHz	
AREQDA204	0	0.5	0.4	0.4	0.4	0.4	0.3	0.5	0.0
	1	1.5	1.4	1.4	1.3	1.2	1.0	0.5	1.0
	2	2.4	2.3	2.2	2.1	2.0	1.6	0.5	1.9
	3	3.4	3.4	3.2	3.1	2.9	2.3	0.5	2.9
	4	4.3	4.3	4.0	3.9	3.7	2.9	0.5	3.8
	5	5.5	5.4	5.1	5.0	4.6	3.6	0.5	5.0
	6	6.3	6.2	5.8	5.7	5.2	4.1	0.5	5.8
	7	7.3	7.2	7.4	6.6	6.1	4.8	0.5	6.8
	8	8.3	8.2	7.7	7.4	6.9	5.3	0.5	7.8
	9	9.4	9.4	8.7	8.4	7.7	6.0	0.5	8.9
	10	10.4	10.3	9.5	9.2	8.4	6.5	0.5	9.9
	11	11.5	11.3	10.4	10.1	9.2	7.0	0.5	11.0
12	12.4	12.3	11.2	10.8	9.8	7.4	0.5	11.9	



AREQ42 42 MHz (JXP PLATFORM)
For use in ASEM Moto, Cisco & C-Cor, and LEA1G (5-Pin)
 Reverse equalizers available from 0 to 12.0 dB in 1.0 dB steps by
 (Note: JXPXXX-XX.X sold separately)

Product Name	Install JXP dB Value	Nominal Insertion Loss (dB) at xxx MHz					Slope 5-42 MHz
		5 MHz	10 MHz	35 MHz	40 MHz	42 MHz	
AREQ42	0	-0.5	-0.4	-0.3	-0.4	-0.4	0.1
	1	-1.5	-1.3	-0.4	-0.4	-0.4	1.1
	2	-2.4	-2.1	-0.5	-0.4	-0.4	2.0
	3	-3.4	-3.0	-0.5	-0.4	-0.4	3.0
	4	-4.2	-3.8	-0.6	-0.4	-0.4	3.8
	5	-5.3	-4.3	-0.7	-0.4	-0.4	4.9
	6	-6.1	-5.4	-0.7	-0.4	-0.4	5.7
	7	-7.1	-6.2	-0.8	-0.4	-0.4	6.7
	8	-8.1	-9.2	-0.8	-0.4	-0.4	7.7
	9	-9.1	-7.9	-0.9	-0.5	-0.4	8.7
	10	-10.0	-8.6	-1.0	-0.5	-0.4	9.6
	11	-10.9	-9.4	-1.0	-0.4	-0.4	10.5
	12	-11.7	-10.0	-1.1	-0.5	-0.4	11.4



AREQ 85 MHz (JXP PLATFORM)
For use in ASEM Moto, Cisco & C-Cor, and LEA1G (5-Pin)
 Reverse equalizers available from 0 to 12.0 dB in 1.0 dB steps by
 (Note. JXPXXX-XX.X sold separately)

Product Name	Installed JXP dB Value	Nominal Insertion Loss (dB) at xxx MHz							Slope 5-85 MHz
		5 MHz	10 MHz	35 MHz	42 MHz	55 MHz	65 MHz	85 MHz	
AREQ85	0	-0.5	-0.4	-0.3	-0.3	-0.2	-0.2	-0.2	0.2
	1	-1.5	-1.4	-1.0	-0.8	-0.5	-0.3	-0.2	1.3
	2	-2.4	-2.3	-1.6	-1.3	-0.8	-0.5	-0.2	2.2
	3	-3.4	-3.3	-2.2	-1.8	-1.1	-0.6	-0.2	3.2
	4	-4.3	-4.2	-2.8	-2.3	-1.3	-0.7	-0.2	4.1
	5	-5.4	-5.2	-3.4	-2.8	-1.6	-0.9	-0.3	5.1
	6	-6.3	-6.1	-4.0	-3.2	-1.8	-1.0	-0.3	6.1
	7	-7.3	-7.0	-4.6	-3.7	-2.1	-1.1	-0.3	7.0
	8	-8.3	-8.0	-5.1	-4.1	-2.3	-1.2	-0.3	8.0
	9	-9.4	-9.0	-5.6	-4.5	-2.6	-1.3	-0.3	9.1
	10	-10.3	-9.0	-6.1	-4.8	-2.8	-1.5	-0.3	10.1
	11	-11.4	-10.8	-6.5	-5.2	-3.0	-1.6	-0.3	11.1
	12	-12.3	-11.7	-6.9	-5.5	-3.1	-1.7	-0.3	12.0



AREQ 204 MHz (JXP PLATFORM)
For use in ASEM Moto, Cisco & C-Cor, and LEA1G (5-Pin)
 Reverse equalizers available from 0 to 12.0 dB in 1.0 dB steps by
 (Note, JXPXXX-XX.X sold separately)

Product Name	Installed JXP dB Value	Nominal Insertion Loss (dB) at xxx MHz							Slope 5-204 MHz
		5 MHz	10 MHz	35 MHz	42 MHz	55 MHz	85 MHz	204 MHz	
AREQ204	0	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.7	-0.2
	1	-1.5	-1.4	-1.3	-1.3	-2.6	-1.1	-0.7	0.8
	2	-2.4	-2.3	-2.2	-2.2	-2.0	-1.7	-0.7	1.7
	3	-3.4	-3.4	-3.2	-3.1	-2.9	-2.4	-0.7	2.7
	4	-4.3	-4.3	-4.0	-3.9	-3.7	-3.0	-0.7	3.6
	5	-5.4	-5.3	-5.0	-4.9	-4.6	-3.7	-0.7	4.7
	6	-6.3	-6.3	-5.9	-5.8	-5.4	-4.3	-0.7	5.6
	7	-7.3	-7.3	-6.8	-6.6	-6.2	-5.0	-0.7	6.6
	8	-8.3	-8.2	-7.7	-7.5	-7.0	-5.6	-0.7	7.6
	9	-9.4	-9.3	-8.7	-8.4	-7.9	-6.2	-0.7	8.7
	10	-10.4	-10.3	-9.6	-9.3	-8.6	-6.8	-0.7	9.7
	11	-11.5	-11.4	-10.5	-10.2	-9.4	-7.3	-0.7	10.7
12	-12.4	-12.2	-11.3	-10.9	-10.0	-7.7	-0.8	11.6	



AREQBP42 42 MHz (JXP PLATFORM)
For use in SDA/ALX 750/870/900 MHz & MFT and MFTJ (3-Pin)
 Reverse equalizers available from 0 to 12.0 dB in 1.0 dB steps by
 (Note: JXPXXX-XX.X sold separately)

Product Name	Installed JXP dB Value	Nominal Insertion Loss (dB) at xxx MHz					Slope 5-42 MHz
		5 MHz	10 MHz	35 MHz	40 MHz	42 MHz	
AREQBP42	0	2.8	3.2	2.3	1.6	0.9	1.9
	1	3.8	4.1	2.3	1.6	0.9	2.9
	2	4.7	4.9	2.4	1.7	0.9	3.8
	3	5.7	5.8	2.5	1.6	0.9	4.8
	4	6.6	6.6	2.6	1.7	0.9	5.7
	5	7.6	7.5	2.6	1.7	0.9	6.7
	6	8.5	8.3	2.7	1.7	0.9	7.6
	7	9.4	9.1	2.8	1.7	0.9	8.5
	8	10.4	9.9	2.8	1.6	0.9	9.5
	9	11.4	10.7	2.9	1.7	0.9	10.5
	10	12.3	11.4	2.9	1.7	0.9	11.4
	11	13.3	12.1	3.0	1.7	0.9	12.4
12	14.1	12.8	3.0	1.7	0.9	13.2	