



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 | 3.6 | 3.7 | 3.9 | 3.9 | 3.9 | 4.1 | 4.2 | 4.4 | 4.5 |
| | | Tap | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.4 | 4.6 | 4.7 |
| SDA1.2-DC8 | DIR COUPLER 8 dB | Thru | 1.3 | 1.4 | 1.5 | 1.7 | 1.8 | 2.0 | 2.1 | 2.2 | 2.5 |
| | | Tap | 8.5 | 8.5 | 8.4 | 7.8 | 7.7 | 7.7 | 7.8 | 8.1 | 8.4 |
| SDA1.2-DC10 | DIR COUPLER 10 dB | Thru | 0.7 | 0.8 | 0.8 | 0.9 | 1.0 | 1.0 | 1.1 | 1.2 | 1.2 |
| | | Tap | 10.1 | 9.1 | 9.8 | 9.4 | 9.2 | 9.1 | 9.0 | 9.1 | 9.5 |
| SDA1.2-DC12 | DIR COUPLER 12 dB | Thru | 0.8 | 0.9 | 0.9 | 1.2 | 1.1 | 1.3 | 1.4 | 1.5 | 1.6 |
| | | Tap | 11.8 | 11.9 | 11.8 | 11.7 | 11.8 | 11.8 | 11.9 | 12.0 | 12.6 |



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