

BELDEN : Distributed by INTERSTATE WIRE CO., INC.

(800) 527-0010

6.92: Technical Information

Attenuation vs. Frequency for Belden® Broadband Coaxial Products

| Frequency Point (MHz) | Series 59 | | | | Series 6 | | | | Series 11 | | | |
|-----------------------|-------------------|-----------------|--------------------|-----------------|--------------------|-----------------|--------------------|-----------------|--------------------|-----------------|--------------------|-----------------|
| | Nominal dB/100Ft. | Nominal dB/100m | Maximum dB/100 Ft. | Maximum dB/100m | Nominal dB/100 Ft. | Nominal dB/100m | Maximum dB/100 Ft. | Maximum dB/100m | Nominal dB/100 Ft. | Nominal dB/100m | Maximum dB/100 Ft. | Maximum dB/100m |
| 5 | .75 | 2.46 | .89 | 2.92 | .54 | 1.77 | .67 | 2.20 | .34 | 1.12 | .38 | 1.25 |
| 55 | 1.84 | 6.04 | 1.95 | 6.40 | 1.45 | 4.76 | 1.60 | 5.25 | .91 | 2.99 | .97 | 3.18 |
| 211 | 3.36 | 11.02 | 3.59 | 11.78 | 2.64 | 8.66 | 2.87 | 9.42 | 1.68 | 5.51 | 1.81 | 5.94 |
| 216 | 3.41 | 11.19 | 3.69 | 12.11 | 2.67 | 8.76 | 2.95 | 9.68 | 1.70 | 5.58 | 1.84 | 6.04 |
| 240 | 3.57 | 11.71 | 3.87 | 12.70 | 2.80 | 9.19 | 3.09 | 10.14 | 1.78 | 5.84 | 1.94 | 6.36 |
| 270 | 3.79 | 12.43 | 4.05 | 13.29 | 2.97 | 9.74 | 3.24 | 10.63 | 1.89 | 6.20 | 2.05 | 6.73 |
| 300 | 3.99 | 13.09 | 4.27 | 14.01 | 3.13 | 10.27 | 3.43 | 11.25 | 1.99 | 6.53 | 2.15 | 7.05 |
| 325 | 4.16 | 13.65 | 4.50 | 14.76 | 3.26 | 10.70 | 3.59 | 11.78 | 2.07 | 6.79 | 2.24 | 7.35 |
| 350 | 4.33 | 14.21 | 4.64 | 15.22 | 3.39 | 11.12 | 3.72 | 12.20 | 2.15 | 7.05 | 2.32 | 7.61 |
| 375 | 4.49 | 14.73 | 4.84 | 15.88 | 3.52 | 11.55 | 3.87 | 12.70 | 2.22 | 7.28 | 2.40 | 7.87 |
| 400 | 4.66 | 15.29 | 4.88 | 16.01 | 3.65 | 11.97 | 4.00 | 13.12 | 2.30 | 7.55 | 2.47 | 8.10 |
| 450 | 4.96 | 16.27 | 5.30 | 17.39 | 3.88 | 12.73 | 4.26 | 13.98 | 2.45 | 8.04 | 2.65 | 8.69 |
| 500 | 5.22 | 17.13 | 5.50 | 18.04 | 4.09 | 13.42 | 4.48 | 14.70 | 2.59 | 8.50 | 2.85 | 9.35 |
| 550 | 5.48 | 17.98 | 5.90 | 19.36 | 4.30 | 14.11 | 4.71 | 15.45 | 2.73 | 8.96 | 2.94 | 9.65 |
| 600 | 5.75 | 18.86 | 6.18 | 20.28 | 4.51 | 14.80 | 4.94 | 16.21 | 2.85 | 9.35 | 3.08 | 10.10 |
| 650 | 6.03 | 19.78 | 6.52 | 21.39 | 4.72 | 15.49 | 5.18 | 16.99 | 2.98 | 9.78 | 3.22 | 10.56 |
| 700 | 6.28 | 20.60 | 6.83 | 22.41 | 4.92 | 16.14 | 5.45 | 17.88 | 3.10 | 10.17 | 3.37 | 11.06 |
| 750 | 6.51 | 21.36 | 6.96 | 22.83 | 5.11 | 16.76 | 5.59 | 18.34 | 3.21 | 10.53 | 3.50 | 11.48 |
| 800 | 6.71 | 22.01 | 7.30 | 23.95 | 5.27 | 17.29 | 5.75 | 18.86 | 3.32 | 10.89 | 3.65 | 11.97 |
| 862 | 6.97 | 22.87 | 7.50 | 24.61 | 5.47 | 17.95 | 5.98 | 19.62 | 3.46 | 11.35 | 3.82 | 12.53 |
| 870 | 7.00 | 22.97 | 7.54 | 24.74 | 5.49 | 18.01 | 6.00 | 19.68 | 3.48 | 11.42 | 3.84 | 12.60 |
| 900 | 7.14 | 23.42 | 7.79 | 25.56 | 5.60 | 18.37 | 6.11 | 20.05 | 3.55 | 11.65 | 3.96 | 12.99 |
| 950 | 7.39 | 24.25 | 7.90 | 25.92 | 5.79 | 19.00 | 6.35 | 20.83 | 3.66 | 12.01 | 4.10 | 13.45 |
| 1000 | 7.68 | 25.20 | 8.09 | 26.54 | 5.99 | 19.65 | 6.54 | 21.46 | 3.77 | 12.37 | 4.23 | 13.88 |
| 1450 | | | | | 7.80 | 25.60 | 8.00 | 26.20 | 5.00 | 16.41 | 5.50 | 18.10 |
| 1800 | | | | | 8.60 | 28.20 | 8.80 | 28.90 | 5.70 | 18.70 | 6.27 | 20.60 |
| 2250 | | | | | 9.80 | 32.20 | 10.00 | 32.80 | 6.50 | 21.33 | 7.15 | 23.50 |
| 3000 | | | | | 11.30 | 37.10 | 11.90 | 39.00 | 8.00 | 26.25 | 8.80 | 28.90 |