

# Coaxial Low Pass Filter (Flat Time Delay)

# SBLP-200+

## Typical Performance Data

| FREQUENCY<br>(MHz) | INSERTION<br>LOSS<br>(dB) | RETURN<br>LOSS<br>(dB) | FREQUENCY<br>(MHz) | GROUP<br>DELAY<br>(nsec) |
|--------------------|---------------------------|------------------------|--------------------|--------------------------|
| 1.0                | 0.04                      | 35.50                  | 1.0                | 1.829                    |
| 41.0               | 0.10                      | 27.00                  | 21.0               | 1.915                    |
| 61.0               | 0.16                      | 20.60                  | 41.0               | 2.140                    |
| 81.0               | 0.22                      | 16.60                  | 61.0               | 2.006                    |
| 101.0              | 0.33                      | 13.40                  | 81.0               | 2.109                    |
| 120.0              | 0.52                      | 10.40                  | 101.0              | 2.087                    |
| 121.0              | 0.53                      | 10.20                  | 120.0              | 2.170                    |
| 174.0              | 2.10                      | 4.70                   | 121.0              | 2.113                    |
| 200.0              | 3.22                      | 3.50                   | 148.0              | 2.521                    |
| 201.0              | 3.26                      | 3.50                   | 174.0              | 2.169                    |
| 258.0              | 6.65                      | 1.60                   | 200.0              | 1.964                    |
| 315.0              | 9.45                      | 0.90                   | 201.0              | 2.367                    |
| 344.0              | 11.17                     | 0.70                   | 230.0              | 1.912                    |
| 372.0              | 13.45                     | 0.50                   | 258.0              | 1.485                    |
| 400.0              | 15.58                     | 0.40                   | 287.0              | 1.356                    |
| 401.0              | 15.65                     | 0.40                   | 315.0              | 2.048                    |
| 439.0              | 17.90                     | 0.30                   | 344.0              | 2.142                    |
| 477.0              | 20.36                     | 0.30                   | 372.0              | 1.206                    |
| 496.0              | 21.60                     | 0.20                   | 400.0              | 0.894                    |
| 515.0              | 22.72                     | 0.20                   | 401.0              | 1.205                    |
| 534.0              | 23.75                     | 0.20                   | 420.0              | 1.143                    |
| 535.0              | 23.81                     | 0.20                   | 439.0              | 0.984                    |
| 580.0              | 26.67                     | 0.20                   | 458.0              | 1.412                    |
| 624.0              | 29.26                     | 0.20                   | 477.0              | 0.888                    |
| 668.0              | 31.05                     | 0.20                   | 496.0              | 0.903                    |
| 712.0              | 33.19                     | 0.30                   | 515.0              | 1.244                    |
| 734.0              | 34.36                     | 0.30                   | 534.0              | 1.282                    |
| 756.0              | 35.72                     | 0.30                   | 535.0              | 0.796                    |
| 778.0              | 37.00                     | 0.30                   | 558.0              | 1.491                    |
| 800.0              | 37.94                     | 0.30                   | 580.0              | 0.941                    |

REV. X1  
SBLP-200+  
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Page 1 of 1



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