

# 3 Way-0° Power Splitter/Combiner

# SCN-3-28+

## Typical Performance Data

TEST CONDITIONS: INPUT POWER = 0dBm @ Temperature = +25°C

| FREQ.<br>(MHz) | TOTAL LOSS <sup>1</sup><br>(dB) |       |      | AMP.<br>UNBAL.<br>(dB) | PHASE<br>UNBAL.<br>(deg.) | ISOLATION<br>(dB) |       |       | VSWR<br>(:1) |      |      |      |
|----------------|---------------------------------|-------|------|------------------------|---------------------------|-------------------|-------|-------|--------------|------|------|------|
|                | S-1                             | S-2   | S-3  |                        |                           | 1-2               | 1-3   | 2-3   | S            | 1    | 2    | 3    |
| 10             | 6.06                            | 6.06  | 6.04 | 0.02                   | 0.38                      | 6.10              | 6.08  | 6.05  | 3.00         | 2.95 | 2.95 | 2.93 |
| 50             | 6.09                            | 6.05  | 6.01 | 0.08                   | 0.58                      | 6.11              | 6.07  | 6.08  | 3.00         | 2.92 | 2.92 | 2.89 |
| 100            | 6.10                            | 6.07  | 6.03 | 0.07                   | 0.47                      | 6.15              | 6.15  | 6.15  | 2.99         | 2.87 | 2.88 | 2.85 |
| 200            | 6.09                            | 6.09  | 6.04 | 0.05                   | 0.40                      | 6.29              | 6.37  | 6.37  | 2.96         | 2.73 | 2.78 | 2.71 |
| 300            | 6.07                            | 6.10  | 6.03 | 0.07                   | 0.46                      | 6.50              | 6.68  | 6.66  | 2.93         | 2.54 | 2.64 | 2.51 |
| 400            | 6.06                            | 6.12  | 6.03 | 0.09                   | 0.51                      | 6.77              | 7.05  | 7.01  | 2.92         | 2.35 | 2.47 | 2.30 |
| 500            | 6.05                            | 6.13  | 6.01 | 0.12                   | 0.53                      | 7.11              | 7.47  | 7.44  | 2.89         | 2.14 | 2.29 | 2.09 |
| 600            | 6.04                            | 6.16  | 5.99 | 0.17                   | 0.46                      | 7.51              | 7.91  | 7.94  | 2.86         | 1.94 | 2.11 | 1.90 |
| 700            | 6.03                            | 6.16  | 5.96 | 0.20                   | 0.50                      | 7.95              | 8.35  | 8.46  | 2.84         | 1.77 | 1.94 | 1.72 |
| 800            | 6.00                            | 6.17  | 5.94 | 0.23                   | 0.54                      | 8.46              | 8.82  | 9.05  | 2.80         | 1.61 | 1.78 | 1.57 |
| 900            | 5.98                            | 6.17  | 5.91 | 0.26                   | 0.76                      | 9.01              | 9.28  | 9.69  | 2.77         | 1.48 | 1.65 | 1.44 |
| 1000           | 5.97                            | 6.16  | 5.88 | 0.28                   | 1.03                      | 9.60              | 9.76  | 10.36 | 2.73         | 1.36 | 1.53 | 1.33 |
| 1100           | 5.94                            | 6.14  | 5.85 | 0.29                   | 1.39                      | 10.26             | 10.25 | 11.06 | 2.69         | 1.27 | 1.42 | 1.24 |
| 1200           | 5.92                            | 6.12  | 5.82 | 0.30                   | 1.69                      | 10.95             | 10.76 | 11.83 | 2.64         | 1.18 | 1.32 | 1.16 |
| 1300           | 5.88                            | 6.09  | 5.79 | 0.30                   | 1.96                      | 11.73             | 11.30 | 12.66 | 2.59         | 1.12 | 1.24 | 1.12 |
| 1400           | 5.84                            | 6.05  | 5.75 | 0.30                   | 2.20                      | 12.55             | 11.86 | 13.56 | 2.52         | 1.09 | 1.16 | 1.11 |
| 1500           | 5.80                            | 6.01  | 5.71 | 0.30                   | 2.47                      | 13.48             | 12.46 | 14.55 | 2.44         | 1.11 | 1.09 | 1.14 |
| 1600           | 5.75                            | 5.95  | 5.65 | 0.30                   | 2.67                      | 14.51             | 13.13 | 15.65 | 2.36         | 1.15 | 1.04 | 1.18 |
| 1650           | 5.72                            | 5.91  | 5.62 | 0.29                   | 2.76                      | 15.06             | 13.49 | 16.26 | 2.31         | 1.18 | 1.02 | 1.21 |
| 1700           | 5.69                            | 5.88  | 5.59 | 0.29                   | 2.86                      | 15.65             | 13.87 | 16.91 | 2.26         | 1.21 | 1.03 | 1.23 |
| 1750           | 5.66                            | 5.85  | 5.57 | 0.28                   | 2.95                      | 16.28             | 14.25 | 17.59 | 2.22         | 1.23 | 1.05 | 1.26 |
| 1800           | 5.63                            | 5.81  | 5.54 | 0.27                   | 3.03                      | 16.95             | 14.67 | 18.34 | 2.17         | 1.26 | 1.07 | 1.28 |
| 1850           | 5.59                            | 5.78  | 5.51 | 0.27                   | 3.10                      | 17.69             | 15.11 | 19.16 | 2.11         | 1.28 | 1.10 | 1.31 |
| 1900           | 5.56                            | 5.74  | 5.48 | 0.26                   | 3.17                      | 18.47             | 15.57 | 20.05 | 2.06         | 1.30 | 1.12 | 1.33 |
| 1950           | 5.53                            | 5.70  | 5.44 | 0.26                   | 3.21                      | 19.35             | 16.07 | 21.04 | 2.00         | 1.32 | 1.14 | 1.35 |
| 2000           | 5.49                            | 5.66  | 5.41 | 0.25                   | 3.23                      | 20.31             | 16.62 | 22.15 | 1.94         | 1.35 | 1.16 | 1.37 |
| 2050           | 5.46                            | 5.61  | 5.37 | 0.24                   | 3.26                      | 21.42             | 17.21 | 23.37 | 1.88         | 1.37 | 1.18 | 1.39 |
| 2100           | 5.41                            | 5.58  | 5.34 | 0.24                   | 3.32                      | 22.61             | 17.84 | 24.79 | 1.82         | 1.39 | 1.20 | 1.41 |
| 2150           | 5.38                            | 5.54  | 5.30 | 0.24                   | 3.33                      | 23.98             | 18.54 | 26.36 | 1.76         | 1.41 | 1.22 | 1.43 |
| 2200           | 5.35                            | 5.51  | 5.26 | 0.25                   | 3.31                      | 25.53             | 19.32 | 28.06 | 1.70         | 1.42 | 1.23 | 1.44 |
| 2250           | 5.31                            | 5.47  | 5.23 | 0.24                   | 3.34                      | 27.19             | 20.15 | 29.62 | 1.64         | 1.44 | 1.25 | 1.46 |
| 2300           | 5.28                            | 5.44  | 5.20 | 0.24                   | 3.35                      | 28.81             | 21.08 | 30.35 | 1.58         | 1.45 | 1.27 | 1.47 |
| 2350           | 5.25                            | 5.41  | 5.18 | 0.23                   | 3.35                      | 29.93             | 22.13 | 29.93 | 1.52         | 1.46 | 1.28 | 1.48 |
| 2400           | 5.22                            | 5.39  | 5.15 | 0.24                   | 3.33                      | 29.92             | 23.35 | 28.53 | 1.47         | 1.48 | 1.29 | 1.49 |
| 2450           | 5.20                            | 5.37  | 5.13 | 0.24                   | 3.32                      | 28.71             | 24.71 | 26.83 | 1.41         | 1.49 | 1.31 | 1.50 |
| 2500           | 5.17                            | 5.36  | 5.12 | 0.24                   | 3.26                      | 27.01             | 26.30 | 25.17 | 1.36         | 1.50 | 1.32 | 1.50 |
| 2550           | 5.16                            | 5.35  | 5.11 | 0.24                   | 3.22                      | 25.29             | 28.01 | 23.68 | 1.32         | 1.51 | 1.34 | 1.51 |
| 2600           | 5.14                            | 5.35  | 5.10 | 0.25                   | 3.24                      | 23.79             | 29.87 | 22.38 | 1.29         | 1.52 | 1.35 | 1.52 |
| 2650           | 5.13                            | 5.36  | 5.10 | 0.26                   | 3.22                      | 22.40             | 31.25 | 21.18 | 1.27         | 1.53 | 1.36 | 1.53 |
| 2700           | 5.13                            | 5.38  | 5.11 | 0.27                   | 3.19                      | 21.20             | 31.48 | 20.17 | 1.27         | 1.54 | 1.38 | 1.54 |
| 2750           | 5.14                            | 5.41  | 5.13 | 0.28                   | 3.18                      | 20.11             | 30.48 | 19.24 | 1.28         | 1.55 | 1.39 | 1.55 |
| 2800           | 5.15                            | 5.44  | 5.15 | 0.29                   | 3.18                      | 19.15             | 28.73 | 18.41 | 1.32         | 1.57 | 1.41 | 1.57 |
| 2850           | 5.17                            | 5.49  | 5.18 | 0.32                   | 3.16                      | 18.30             | 27.01 | 17.67 | 1.37         | 1.59 | 1.43 | 1.58 |
| 2900           | 5.20                            | 5.55  | 5.23 | 0.35                   | 3.14                      | 17.54             | 25.43 | 17.00 | 1.43         | 1.61 | 1.45 | 1.60 |
| 2950           | 5.24                            | 5.61  | 5.28 | 0.37                   | 3.12                      | 16.86             | 24.10 | 16.42 | 1.50         | 1.63 | 1.48 | 1.63 |
| 3000           | 5.29                            | 5.69  | 5.34 | 0.41                   | 3.08                      | 16.27             | 22.96 | 15.90 | 1.59         | 1.65 | 1.51 | 1.66 |
| 3100           | 5.42                            | 5.90  | 5.50 | 0.48                   | 3.00                      | 15.24             | 21.05 | 15.00 | 1.80         | 1.72 | 1.58 | 1.73 |
| 3200           | 5.61                            | 6.17  | 5.72 | 0.56                   | 2.87                      | 14.40             | 19.56 | 14.26 | 2.07         | 1.81 | 1.66 | 1.82 |
| 3250           | 5.71                            | 6.33  | 5.84 | 0.63                   | 2.83                      | 14.04             | 18.99 | 13.97 | 2.22         | 1.85 | 1.72 | 1.87 |
| 3300           | 5.82                            | 6.50  | 5.97 | 0.68                   | 2.75                      | 13.73             | 18.47 | 13.72 | 2.38         | 1.91 | 1.77 | 1.94 |
| 3400           | 6.09                            | 6.90  | 6.29 | 0.82                   | 2.55                      | 13.23             | 17.64 | 13.32 | 2.75         | 2.03 | 1.91 | 2.08 |
| 3500           | 6.40                            | 7.37  | 6.65 | 0.98                   | 2.26                      | 12.87             | 16.99 | 13.05 | 3.19         | 2.18 | 2.06 | 2.25 |
| 4000           | 8.64                            | 10.85 | 9.22 | 2.21                   | 2.58                      | 12.91             | 16.30 | 13.66 | 6.89         | 3.29 | 3.27 | 3.58 |

<sup>1</sup> Total Loss = Insertion Loss+ 4.8dB Splitter Loss

# 3 Way-0° Power Splitter/Combiner

# SCN-3-28+

## Typical Performance Data

TEST CONDITIONS: INPUT POWER = 0dBm @ Temperature = -55°C

| FREQ.<br>(MHz) | TOTAL LOSS <sup>1</sup><br>(dB) |       |      | AMP.<br>UNBAL.<br>(dB) | PHASE<br>UNBAL.<br>(deg.) | ISOLATION<br>(dB) |       |       | VSWR<br>(:1) |      |      |      |
|----------------|---------------------------------|-------|------|------------------------|---------------------------|-------------------|-------|-------|--------------|------|------|------|
|                | S-1                             | S-2   | S-3  |                        |                           | 1-2               | 1-3   | 2-3   | S            | 1    | 2    | 3    |
| 10             | 6.05                            | 6.06  | 6.03 | 0.03                   | 0.39                      | 6.08              | 6.05  | 6.03  | 3.02         | 2.97 | 2.97 | 2.96 |
| 50             | 6.08                            | 6.04  | 5.99 | 0.09                   | 0.62                      | 6.08              | 6.03  | 6.03  | 3.03         | 2.94 | 2.93 | 2.91 |
| 100            | 6.03                            | 6.01  | 5.96 | 0.07                   | 0.52                      | 6.15              | 6.13  | 6.14  | 2.95         | 2.91 | 2.93 | 2.89 |
| 200            | 6.01                            | 6.01  | 5.96 | 0.05                   | 0.35                      | 6.27              | 6.34  | 6.34  | 2.94         | 2.78 | 2.83 | 2.76 |
| 300            | 6.01                            | 6.05  | 5.97 | 0.08                   | 0.35                      | 6.43              | 6.60  | 6.58  | 2.96         | 2.59 | 2.68 | 2.55 |
| 400            | 5.99                            | 6.05  | 5.96 | 0.09                   | 0.37                      | 6.68              | 6.96  | 6.92  | 2.95         | 2.39 | 2.51 | 2.34 |
| 500            | 5.95                            | 6.06  | 5.93 | 0.13                   | 0.50                      | 7.00              | 7.35  | 7.34  | 2.92         | 2.17 | 2.34 | 2.14 |
| 600            | 5.92                            | 6.07  | 5.89 | 0.18                   | 0.36                      | 7.38              | 7.78  | 7.82  | 2.89         | 1.97 | 2.16 | 1.94 |
| 700            | 5.92                            | 6.06  | 5.86 | 0.20                   | 0.36                      | 7.81              | 8.21  | 8.30  | 2.88         | 1.80 | 1.96 | 1.75 |
| 800            | 5.89                            | 6.06  | 5.82 | 0.24                   | 0.40                      | 8.30              | 8.65  | 8.89  | 2.85         | 1.63 | 1.81 | 1.59 |
| 900            | 5.83                            | 6.04  | 5.78 | 0.26                   | 0.64                      | 8.86              | 9.14  | 9.55  | 2.80         | 1.49 | 1.67 | 1.47 |
| 1000           | 5.82                            | 6.03  | 5.74 | 0.29                   | 0.89                      | 9.45              | 9.58  | 10.20 | 2.77         | 1.38 | 1.55 | 1.34 |
| 1100           | 5.78                            | 6.00  | 5.69 | 0.31                   | 1.36                      | 10.09             | 10.05 | 10.89 | 2.73         | 1.28 | 1.44 | 1.25 |
| 1200           | 5.75                            | 5.97  | 5.66 | 0.31                   | 1.65                      | 10.78             | 10.56 | 11.65 | 2.68         | 1.20 | 1.34 | 1.18 |
| 1300           | 5.71                            | 5.94  | 5.63 | 0.31                   | 1.90                      | 11.55             | 11.10 | 12.48 | 2.64         | 1.14 | 1.24 | 1.14 |
| 1400           | 5.67                            | 5.89  | 5.58 | 0.31                   | 2.13                      | 12.40             | 11.67 | 13.40 | 2.58         | 1.12 | 1.16 | 1.13 |
| 1500           | 5.63                            | 5.85  | 5.55 | 0.30                   | 2.40                      | 13.31             | 12.26 | 14.39 | 2.52         | 1.13 | 1.10 | 1.17 |
| 1600           | 5.56                            | 5.78  | 5.48 | 0.30                   | 2.62                      | 14.36             | 12.94 | 15.52 | 2.43         | 1.18 | 1.05 | 1.22 |
| 1650           | 5.54                            | 5.74  | 5.44 | 0.30                   | 2.70                      | 14.94             | 13.30 | 16.14 | 2.39         | 1.21 | 1.05 | 1.25 |
| 1700           | 5.51                            | 5.71  | 5.42 | 0.29                   | 2.79                      | 15.58             | 13.71 | 16.85 | 2.34         | 1.24 | 1.06 | 1.28 |
| 1750           | 5.48                            | 5.66  | 5.38 | 0.28                   | 2.83                      | 16.25             | 14.12 | 17.57 | 2.29         | 1.26 | 1.09 | 1.30 |
| 1800           | 5.45                            | 5.63  | 5.36 | 0.27                   | 2.95                      | 16.97             | 14.56 | 18.39 | 2.25         | 1.30 | 1.11 | 1.33 |
| 1850           | 5.41                            | 5.58  | 5.32 | 0.26                   | 3.00                      | 17.78             | 15.04 | 19.30 | 2.19         | 1.32 | 1.14 | 1.35 |
| 1900           | 5.37                            | 5.54  | 5.28 | 0.26                   | 3.03                      | 18.67             | 15.55 | 20.30 | 2.13         | 1.34 | 1.16 | 1.37 |
| 1950           | 5.33                            | 5.50  | 5.25 | 0.25                   | 3.07                      | 19.63             | 16.08 | 21.40 | 2.08         | 1.37 | 1.18 | 1.40 |
| 2000           | 5.29                            | 5.46  | 5.21 | 0.25                   | 3.10                      | 20.71             | 16.67 | 22.70 | 2.01         | 1.39 | 1.20 | 1.42 |
| 2050           | 5.23                            | 5.39  | 5.15 | 0.24                   | 3.15                      | 22.01             | 17.31 | 24.22 | 1.93         | 1.41 | 1.22 | 1.43 |
| 2100           | 5.18                            | 5.35  | 5.11 | 0.24                   | 3.26                      | 23.45             | 18.02 | 25.94 | 1.86         | 1.43 | 1.23 | 1.46 |
| 2150           | 5.14                            | 5.31  | 5.07 | 0.23                   | 3.30                      | 25.12             | 18.79 | 27.98 | 1.79         | 1.44 | 1.25 | 1.47 |
| 2200           | 5.10                            | 5.26  | 5.02 | 0.24                   | 3.35                      | 27.19             | 19.68 | 30.37 | 1.72         | 1.47 | 1.26 | 1.48 |
| 2250           | 5.05                            | 5.21  | 4.98 | 0.24                   | 3.39                      | 29.44             | 20.68 | 32.21 | 1.64         | 1.48 | 1.27 | 1.48 |
| 2300           | 5.01                            | 5.18  | 4.94 | 0.24                   | 3.42                      | 31.28             | 21.72 | 32.06 | 1.57         | 1.49 | 1.29 | 1.49 |
| 2350           | 4.97                            | 5.14  | 4.91 | 0.23                   | 3.43                      | 31.84             | 22.98 | 30.23 | 1.50         | 1.49 | 1.30 | 1.51 |
| 2400           | 4.94                            | 5.11  | 4.88 | 0.23                   | 3.43                      | 29.96             | 24.53 | 27.71 | 1.43         | 1.50 | 1.30 | 1.50 |
| 2450           | 4.91                            | 5.09  | 4.85 | 0.24                   | 3.49                      | 27.66             | 26.13 | 25.66 | 1.38         | 1.51 | 1.31 | 1.51 |
| 2500           | 4.88                            | 5.08  | 4.84 | 0.24                   | 3.52                      | 25.67             | 28.16 | 23.91 | 1.32         | 1.52 | 1.33 | 1.52 |
| 2550           | 4.87                            | 5.07  | 4.83 | 0.24                   | 3.50                      | 23.81             | 30.43 | 22.36 | 1.28         | 1.53 | 1.32 | 1.52 |
| 2600           | 4.85                            | 5.07  | 4.82 | 0.25                   | 3.45                      | 22.28             | 32.28 | 21.08 | 1.25         | 1.54 | 1.34 | 1.53 |
| 2650           | 4.85                            | 5.09  | 4.83 | 0.26                   | 3.47                      | 21.00             | 32.58 | 19.99 | 1.25         | 1.55 | 1.35 | 1.53 |
| 2700           | 4.85                            | 5.12  | 4.84 | 0.28                   | 3.51                      | 19.88             | 31.24 | 19.01 | 1.26         | 1.55 | 1.37 | 1.55 |
| 2750           | 4.87                            | 5.15  | 4.87 | 0.29                   | 3.44                      | 18.83             | 29.04 | 18.10 | 1.30         | 1.58 | 1.38 | 1.57 |
| 2800           | 4.88                            | 5.20  | 4.90 | 0.32                   | 3.45                      | 17.95             | 27.02 | 17.34 | 1.36         | 1.58 | 1.40 | 1.58 |
| 2850           | 4.92                            | 5.26  | 4.94 | 0.34                   | 3.50                      | 17.19             | 25.41 | 16.68 | 1.42         | 1.61 | 1.43 | 1.60 |
| 2900           | 4.96                            | 5.31  | 4.99 | 0.36                   | 3.43                      | 16.49             | 23.93 | 16.03 | 1.50         | 1.65 | 1.43 | 1.62 |
| 2950           | 4.99                            | 5.39  | 5.06 | 0.40                   | 3.38                      | 15.86             | 22.72 | 15.52 | 1.59         | 1.66 | 1.48 | 1.67 |
| 3000           | 5.05                            | 5.48  | 5.11 | 0.43                   | 3.33                      | 15.33             | 21.74 | 15.04 | 1.68         | 1.69 | 1.50 | 1.68 |
| 3100           | 5.17                            | 5.70  | 5.28 | 0.53                   | 3.07                      | 14.38             | 20.04 | 14.20 | 1.90         | 1.76 | 1.58 | 1.77 |
| 3200           | 5.32                            | 5.96  | 5.47 | 0.64                   | 2.97                      | 13.65             | 18.76 | 13.58 | 2.16         | 1.86 | 1.70 | 1.89 |
| 3250           | 5.44                            | 6.11  | 5.58 | 0.68                   | 2.97                      | 13.29             | 18.16 | 13.28 | 2.32         | 1.93 | 1.75 | 1.93 |
| 3300           | 5.53                            | 6.29  | 5.72 | 0.76                   | 2.87                      | 13.01             | 17.69 | 13.07 | 2.50         | 2.00 | 1.83 | 2.02 |
| 3400           | 5.77                            | 6.67  | 6.01 | 0.91                   | 2.51                      | 12.59             | 16.99 | 12.75 | 2.88         | 2.15 | 2.00 | 2.20 |
| 3500           | 6.04                            | 7.15  | 6.37 | 1.12                   | 2.45                      | 12.30             | 16.43 | 12.58 | 3.36         | 2.33 | 2.21 | 2.43 |
| 4000           | 8.59                            | 11.19 | 9.26 | 2.60                   | 3.29                      | 12.76             | 16.12 | 13.70 | 8.86         | 3.92 | 4.10 | 4.33 |

<sup>1</sup> Total Loss = Insertion Loss+ 4.8dB Splitter Loss

# 3 Way-0° Power Splitter/Combiner

# SCN-3-28+

## Typical Performance Data

TEST CONDITIONS: INPUT POWER = 0dBm @ Temperature = +100°C

| FREQ.<br>(MHz) | TOTAL LOSS <sup>1</sup><br>(dB) |       |      | AMP.<br>UNBAL.<br>(dB) | PHASE<br>UNBAL.<br>(deg.) | ISOLATION<br>(dB) |       |       | VSWR<br>(:1) |      |      |      |
|----------------|---------------------------------|-------|------|------------------------|---------------------------|-------------------|-------|-------|--------------|------|------|------|
|                | S-1                             | S-2   | S-3  |                        |                           | 1-2               | 1-3   | 2-3   | S            | 1    | 2    | 3    |
| 10             | 6.07                            | 6.07  | 6.04 | 0.03                   | 0.42                      | 6.12              | 6.09  | 6.06  | 2.99         | 2.94 | 2.94 | 2.92 |
| 50             | 6.09                            | 6.05  | 6.00 | 0.09                   | 0.62                      | 6.14              | 6.10  | 6.10  | 2.97         | 2.92 | 2.92 | 2.89 |
| 100            | 6.17                            | 6.12  | 6.09 | 0.08                   | 0.45                      | 6.13              | 6.13  | 6.12  | 3.05         | 2.84 | 2.84 | 2.81 |
| 200            | 6.13                            | 6.12  | 6.09 | 0.04                   | 0.52                      | 6.30              | 6.38  | 6.38  | 2.97         | 2.70 | 2.75 | 2.69 |
| 300            | 6.10                            | 6.12  | 6.06 | 0.06                   | 0.33                      | 6.53              | 6.71  | 6.69  | 2.92         | 2.53 | 2.62 | 2.50 |
| 400            | 6.11                            | 6.15  | 6.08 | 0.07                   | 0.45                      | 6.79              | 7.07  | 7.02  | 2.93         | 2.32 | 2.43 | 2.28 |
| 500            | 6.10                            | 6.16  | 6.05 | 0.11                   | 0.44                      | 7.15              | 7.50  | 7.47  | 2.88         | 2.12 | 2.26 | 2.07 |
| 600            | 6.09                            | 6.20  | 6.03 | 0.17                   | 0.33                      | 7.56              | 7.96  | 7.98  | 2.86         | 1.92 | 2.08 | 1.88 |
| 700            | 6.09                            | 6.21  | 6.01 | 0.20                   | 0.27                      | 8.01              | 8.42  | 8.52  | 2.83         | 1.75 | 1.91 | 1.70 |
| 800            | 6.07                            | 6.22  | 5.99 | 0.23                   | 0.39                      | 8.53              | 8.90  | 9.13  | 2.79         | 1.60 | 1.76 | 1.55 |
| 900            | 6.05                            | 6.22  | 5.97 | 0.25                   | 0.59                      | 9.09              | 9.39  | 9.78  | 2.76         | 1.46 | 1.62 | 1.43 |
| 1000           | 6.03                            | 6.22  | 5.94 | 0.28                   | 0.87                      | 9.71              | 9.87  | 10.47 | 2.71         | 1.35 | 1.51 | 1.32 |
| 1100           | 6.00                            | 6.19  | 5.91 | 0.28                   | 1.19                      | 10.38             | 10.38 | 11.19 | 2.66         | 1.25 | 1.40 | 1.23 |
| 1200           | 5.98                            | 6.17  | 5.88 | 0.29                   | 1.47                      | 11.08             | 10.90 | 11.97 | 2.60         | 1.17 | 1.31 | 1.15 |
| 1300           | 5.94                            | 6.14  | 5.85 | 0.29                   | 1.68                      | 11.86             | 11.45 | 12.81 | 2.53         | 1.10 | 1.23 | 1.10 |
| 1400           | 5.90                            | 6.11  | 5.81 | 0.30                   | 1.91                      | 12.68             | 12.00 | 13.69 | 2.46         | 1.06 | 1.16 | 1.08 |
| 1500           | 5.86                            | 6.06  | 5.76 | 0.30                   | 2.13                      | 13.59             | 12.59 | 14.67 | 2.38         | 1.07 | 1.10 | 1.10 |
| 1600           | 5.80                            | 6.01  | 5.71 | 0.30                   | 2.33                      | 14.58             | 13.23 | 15.72 | 2.29         | 1.12 | 1.05 | 1.14 |
| 1650           | 5.78                            | 5.98  | 5.68 | 0.30                   | 2.42                      | 15.10             | 13.56 | 16.30 | 2.24         | 1.14 | 1.03 | 1.17 |
| 1700           | 5.75                            | 5.96  | 5.66 | 0.30                   | 2.50                      | 15.66             | 13.92 | 16.91 | 2.20         | 1.17 | 1.02 | 1.19 |
| 1750           | 5.72                            | 5.93  | 5.63 | 0.30                   | 2.63                      | 16.24             | 14.27 | 17.54 | 2.15         | 1.19 | 1.03 | 1.22 |
| 1800           | 5.69                            | 5.90  | 5.60 | 0.30                   | 2.74                      | 16.87             | 14.66 | 18.23 | 2.10         | 1.22 | 1.04 | 1.24 |
| 1850           | 5.66                            | 5.86  | 5.58 | 0.28                   | 2.88                      | 17.54             | 15.07 | 18.97 | 2.05         | 1.24 | 1.06 | 1.26 |
| 1900           | 5.64                            | 5.84  | 5.55 | 0.29                   | 2.99                      | 18.26             | 15.49 | 19.77 | 2.00         | 1.27 | 1.08 | 1.29 |
| 1950           | 5.61                            | 5.80  | 5.52 | 0.28                   | 3.06                      | 19.05             | 15.96 | 20.66 | 1.94         | 1.29 | 1.10 | 1.31 |
| 2000           | 5.58                            | 5.77  | 5.49 | 0.28                   | 3.19                      | 19.90             | 16.46 | 21.65 | 1.89         | 1.31 | 1.12 | 1.33 |
| 2050           | 5.55                            | 5.73  | 5.46 | 0.27                   | 3.26                      | 20.86             | 16.99 | 22.69 | 1.83         | 1.33 | 1.13 | 1.35 |
| 2100           | 5.52                            | 5.70  | 5.44 | 0.26                   | 3.38                      | 21.88             | 17.57 | 23.85 | 1.78         | 1.35 | 1.15 | 1.37 |
| 2150           | 5.49                            | 5.67  | 5.41 | 0.26                   | 3.43                      | 23.02             | 18.18 | 25.10 | 1.73         | 1.37 | 1.17 | 1.39 |
| 2200           | 5.47                            | 5.64  | 5.38 | 0.26                   | 3.50                      | 24.28             | 18.89 | 26.47 | 1.68         | 1.39 | 1.19 | 1.41 |
| 2250           | 5.44                            | 5.61  | 5.36 | 0.25                   | 3.57                      | 25.66             | 19.64 | 27.79 | 1.63         | 1.40 | 1.21 | 1.42 |
| 2300           | 5.41                            | 5.59  | 5.34 | 0.25                   | 3.62                      | 27.01             | 20.45 | 28.67 | 1.58         | 1.41 | 1.22 | 1.44 |
| 2350           | 5.39                            | 5.57  | 5.32 | 0.25                   | 3.67                      | 28.17             | 21.35 | 28.95 | 1.52         | 1.43 | 1.24 | 1.45 |
| 2400           | 5.37                            | 5.55  | 5.30 | 0.25                   | 3.68                      | 28.81             | 22.39 | 28.45 | 1.48         | 1.45 | 1.26 | 1.47 |
| 2450           | 5.36                            | 5.53  | 5.29 | 0.24                   | 3.75                      | 28.63             | 23.52 | 27.36 | 1.43         | 1.46 | 1.28 | 1.48 |
| 2500           | 5.33                            | 5.52  | 5.28 | 0.24                   | 3.77                      | 27.72             | 24.85 | 26.08 | 1.39         | 1.48 | 1.29 | 1.49 |
| 2550           | 5.32                            | 5.51  | 5.27 | 0.24                   | 3.78                      | 26.36             | 26.34 | 24.68 | 1.34         | 1.49 | 1.31 | 1.50 |
| 2600           | 5.30                            | 5.51  | 5.26 | 0.25                   | 3.79                      | 24.96             | 28.00 | 23.43 | 1.31         | 1.50 | 1.32 | 1.52 |
| 2650           | 5.29                            | 5.51  | 5.26 | 0.25                   | 3.82                      | 23.59             | 29.64 | 22.24 | 1.28         | 1.51 | 1.34 | 1.53 |
| 2700           | 5.29                            | 5.53  | 5.26 | 0.27                   | 3.79                      | 22.33             | 30.92 | 21.15 | 1.27         | 1.53 | 1.36 | 1.54 |
| 2750           | 5.28                            | 5.54  | 5.27 | 0.27                   | 3.77                      | 21.18             | 31.25 | 20.19 | 1.26         | 1.54 | 1.38 | 1.55 |
| 2800           | 5.29                            | 5.57  | 5.29 | 0.28                   | 3.81                      | 20.16             | 30.34 | 19.33 | 1.27         | 1.55 | 1.40 | 1.56 |
| 2850           | 5.31                            | 5.61  | 5.31 | 0.30                   | 3.85                      | 19.25             | 28.77 | 18.55 | 1.30         | 1.57 | 1.42 | 1.57 |
| 2900           | 5.32                            | 5.65  | 5.35 | 0.33                   | 3.81                      | 18.43             | 27.06 | 17.81 | 1.35         | 1.59 | 1.44 | 1.60 |
| 2950           | 5.36                            | 5.71  | 5.39 | 0.35                   | 3.77                      | 17.70             | 25.59 | 17.18 | 1.40         | 1.61 | 1.46 | 1.61 |
| 3000           | 5.39                            | 5.78  | 5.44 | 0.39                   | 3.71                      | 17.04             | 24.24 | 16.63 | 1.47         | 1.63 | 1.49 | 1.64 |
| 3100           | 5.51                            | 5.98  | 5.59 | 0.47                   | 3.67                      | 15.89             | 21.98 | 15.60 | 1.67         | 1.68 | 1.57 | 1.71 |
| 3200           | 5.69                            | 6.23  | 5.79 | 0.55                   | 3.61                      | 14.99             | 20.31 | 14.81 | 1.92         | 1.76 | 1.65 | 1.79 |
| 3250           | 5.80                            | 6.39  | 5.91 | 0.59                   | 3.54                      | 14.59             | 19.60 | 14.47 | 2.06         | 1.81 | 1.69 | 1.84 |
| 3300           | 5.92                            | 6.57  | 6.05 | 0.65                   | 3.47                      | 14.23             | 18.99 | 14.19 | 2.22         | 1.86 | 1.75 | 1.90 |
| 3400           | 6.23                            | 6.99  | 6.39 | 0.77                   | 3.27                      | 13.67             | 18.04 | 13.72 | 2.58         | 1.97 | 1.87 | 2.03 |
| 3500           | 6.58                            | 7.48  | 6.79 | 0.91                   | 3.09                      | 13.28             | 17.29 | 13.39 | 3.02         | 2.11 | 2.02 | 2.19 |
| 4000           | 8.89                            | 10.90 | 9.42 | 2.01                   | 3.69                      | 13.14             | 16.46 | 13.79 | 6.21         | 3.09 | 2.98 | 3.29 |

<sup>1</sup> Total Loss = Insertion Loss+ 4.8dB Splitter Loss

