

# Hand-Flex Coaxial Cable

# 086-10SBSM+

Straight SMA Female Bulkhead to Straight SMA Male

## Typical Performance Data

| FREQUENCY<br>(MHz) | INSERTION<br>LOSS<br>(dB) | SMA-MALE<br>RETURN LOSS<br>(dB) | SMA-FEMALE<br>BULKHEAD<br>RETURN LOSS<br>(dB) |
|--------------------|---------------------------|---------------------------------|-----------------------------------------------|
| 100.0              | 0.05                      | 40.3                            | 40.4                                          |
| 200.0              | 0.08                      | 35.5                            | 35.5                                          |
| 300.0              | 0.10                      | 34.9                            | 34.9                                          |
| 400.0              | 0.12                      | 39.1                            | 39.5                                          |
| 500.0              | 0.13                      | 49.4                            | 45.6                                          |
| 600.0              | 0.15                      | 35.6                            | 36.4                                          |
| 700.0              | 0.17                      | 32.2                            | 33.6                                          |
| 800.0              | 0.18                      | 33.9                            | 34.8                                          |
| 900.0              | 0.19                      | 44.9                            | 40.6                                          |
| 1000.0             | 0.20                      | 37.8                            | 38.4                                          |
| 1100.0             | 0.22                      | 32.0                            | 33.4                                          |
| 1200.0             | 0.23                      | 31.1                            | 32.3                                          |
| 1300.0             | 0.23                      | 34.6                            | 34.7                                          |
| 1400.0             | 0.24                      | 41.3                            | 40.3                                          |
| 1500.0             | 0.25                      | 34.9                            | 37.0                                          |
| 1600.0             | 0.26                      | 31.8                            | 33.3                                          |
| 1700.0             | 0.27                      | 32.6                            | 33.3                                          |
| 1800.0             | 0.27                      | 35.9                            | 36.1                                          |
| 1900.0             | 0.28                      | 34.9                            | 37.5                                          |
| 2000.0             | 0.30                      | 32.0                            | 34.3                                          |
| 2400.0             | 0.32                      | 33.5                            | 37.3                                          |
| 3000.0             | 0.36                      | 30.4                            | 31.6                                          |
| 4000.0             | 0.42                      | 27.9                            | 29.3                                          |
| 5000.0             | 0.49                      | 25.2                            | 25.6                                          |
| 6000.0             | 0.54                      | 28.8                            | 28.7                                          |
| 7000.0             | 0.57                      | 35.5                            | 32.7                                          |
| 8000.0             | 0.61                      | 31.9                            | 30.0                                          |
| 9000.0             | 0.66                      | 25.9                            | 24.6                                          |
| 10000.0            | 0.70                      | 25.2                            | 24.7                                          |
| 11000.0            | 0.72                      | 24.1                            | 27.2                                          |
| 12000.0            | 0.77                      | 27.8                            | 39.3                                          |
| 13000.0            | 0.81                      | 29.6                            | 31.8                                          |
| 14000.0            | 0.90                      | 25.1                            | 35.9                                          |
| 15000.0            | 0.92                      | 25.5                            | 28.5                                          |
| 16000.0            | 0.92                      | 27.4                            | 26.7                                          |
| 17000.0            | 0.97                      | 35.4                            | 35.2                                          |
| 18000.0            | 1.02                      | 25.2                            | 24.6                                          |



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IF/RF MICROWAVE COMPONENTS

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