

**Adapter 1.85mm-Female to 1.85mm-Female****185FR-185F+***Typical Performance Data*

| FREQ. | INSERTION LOSS | 1.85mm-FEMALE<br>VSWR | 1.85mm-FEMALE<br>VSWR |
|-------|----------------|-----------------------|-----------------------|
| (GHz) | (dB)           | (:1)                  | (:1)                  |
| 0.01  | 0.00           | 1.02                  | 1.02                  |
| 0.50  | 0.05           | 1.02                  | 1.02                  |
| 0.80  | 0.07           | 1.03                  | 1.03                  |
| 1.00  | 0.07           | 1.03                  | 1.03                  |
| 3.00  | 0.10           | 1.04                  | 1.04                  |
| 5.00  | 0.12           | 1.02                  | 1.01                  |
| 7.00  | 0.14           | 1.05                  | 1.05                  |
| 9.00  | 0.16           | 1.12                  | 1.12                  |
| 11.00 | 0.17           | 1.13                  | 1.14                  |
| 13.00 | 0.17           | 1.12                  | 1.12                  |
| 15.00 | 0.18           | 1.07                  | 1.07                  |
| 17.00 | 0.19           | 1.04                  | 1.04                  |
| 19.00 | 0.21           | 1.03                  | 1.03                  |
| 21.00 | 0.22           | 1.09                  | 1.10                  |
| 23.00 | 0.26           | 1.18                  | 1.18                  |
| 25.00 | 0.27           | 1.20                  | 1.20                  |
| 27.00 | 0.26           | 1.14                  | 1.14                  |
| 29.00 | 0.24           | 1.02                  | 1.02                  |
| 31.00 | 0.28           | 1.19                  | 1.19                  |
| 33.00 | 0.36           | 1.32                  | 1.32                  |
| 35.00 | 0.37           | 1.32                  | 1.32                  |
| 37.00 | 0.33           | 1.18                  | 1.18                  |
| 39.00 | 0.32           | 1.04                  | 1.05                  |
| 41.00 | 0.33           | 1.10                  | 1.10                  |
| 43.00 | 0.35           | 1.12                  | 1.12                  |
| 45.00 | 0.37           | 1.10                  | 1.11                  |
| 47.00 | 0.37           | 1.10                  | 1.10                  |
| 49.00 | 0.38           | 1.06                  | 1.07                  |
| 51.00 | 0.38           | 1.05                  | 1.06                  |
| 53.00 | 0.41           | 1.11                  | 1.11                  |
| 55.00 | 0.42           | 1.10                  | 1.11                  |
| 57.00 | 0.45           | 1.10                  | 1.10                  |
| 59.00 | 0.49           | 1.10                  | 1.11                  |
| 61.00 | 0.51           | 1.05                  | 1.05                  |
| 63.00 | 0.50           | 1.08                  | 1.07                  |
| 65.00 | 0.51           | 1.21                  | 1.17                  |
| 67.00 | 0.55           | 1.13                  | 1.17                  |



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site  
 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: [www.minicircuits.com](http://www.minicircuits.com)

IF/RF MICROWAVE COMPONENTS

REV. OR  
185FR-185F+  
10/31/2025  
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