



# Low VSWR Specifications, Type FSJ4P-50B-( )

| Frequency Band, GHz         | Type No.            | Using Connector Type** | Assembly VSWR, Maximum (R.L., dB) |                     |                       |                              |
|-----------------------------|---------------------|------------------------|-----------------------------------|---------------------|-----------------------|------------------------------|
|                             |                     |                        | 0-10 ft<br>(0-3 m)                | 10-20 ft<br>(3-6 m) | 20-100 ft<br>(6-30 m) | Above 100 ft<br>(Above 30 m) |
| 0.01-2.3*                   | <b>FSJ4P-50B-1</b>  | N Male                 | 1.10 (26.4)                       | 1.10 (26.4)         | 1.15 (23.1)           | 1.15 (23.1)                  |
|                             |                     | N Female               | 1.15 (23.1)                       | 1.15 (23.1)         | 1.15 (23.1)           | 1.20 (20.8)                  |
|                             |                     | 7-16 DIN Male          | 1.15 (23.1)                       | 1.15 (23.1)         | 1.15 (23.1)           | 1.20 (20.8)                  |
|                             |                     | 7-16 DIN Female        | 1.15 (23.1)                       | 1.15 (23.1)         | 1.15 (23.1)           | 1.20 (20.8)                  |
|                             |                     | Rt. Angle N Male       | 1.15 (23.1)                       | 1.18 (21.6)         | 1.30 (17.7)           | 1.50 (14.0)                  |
| 0.01-4.2*                   | <b>FSJ4P-50B-2</b>  | N Male                 | 1.20 (20.8)                       | 1.20 (20.8)         | 1.20 (20.8)           | 1.20 (20.8)                  |
|                             |                     | N Female               | 1.25 (19.1)                       | 1.25 (19.1)         | 1.25 (19.1)           | 1.30 (17.7)                  |
|                             |                     | 7-16 DIN Male          | 1.25 (19.1)                       | 1.25 (19.1)         | 1.25 (19.1)           | 1.30 (17.7)                  |
|                             |                     | 7-16 DIN Female        | 1.25 (19.1)                       | 1.25 (19.1)         | 1.25 (19.1)           | 1.30 (17.7)                  |
|                             |                     | Rt. Angle N Male       | 1.35 (16.5)                       | 1.35 (16.5)         | 1.35 (16.5)           | 1.50 (14.0)                  |
| 0.01-7.1*                   | <b>FSJ4P-50B-3</b>  | N Male                 | 1.35 (16.5)                       | 1.35 (16.5)         | 1.35 (16.5)           | 1.35 (16.5)                  |
|                             |                     | N Female               | 1.35 (16.5)                       | 1.35 (16.5)         | 1.40 (15.6)           | 1.50 (14.0)                  |
|                             |                     | 7-16 DIN Male          | 1.35 (16.5)                       | 1.35 (16.5)         | 1.40 (15.6)           | 1.50 (14.0)                  |
|                             |                     | 7-16 DIN Female        | 1.35 (16.5)                       | 1.35 (16.5)         | 1.40 (15.6)           | 1.50 (14.0)                  |
| 0.806-0.960                 | <b>FSJ4P-50B-40</b> | N                      | 1.08 (28.3)                       | 1.10 (26.4)         | 1.10 (26.4)           | —                            |
|                             |                     | 7-16 DIN               | 1.08 (28.3)                       | 1.10 (26.4)         | 1.10 (26.4)           | —                            |
| 0.806-0.960<br>and 1.7- 2.2 | <b>FSJ4P-50B-42</b> | N                      | 1.10 (26.4)                       | 1.10 (26.4)         | 1.10 (26.4)           | —                            |
|                             |                     | 7-16 DIN               | 1.10 (26.4)                       | 1.10 (26.4)         | 1.10 (26.4)           | —                            |
| 1.7- 2.2                    | <b>FSJ4P-50B-41</b> | N                      | 1.10 (26.4)                       | 1.10 (26.4)         | 1.10 (26.4)           | —                            |
|                             |                     | 7-16 DIN               | 1.10 (26.4)                       | 1.10 (26.4)         | 1.10 (26.4)           | —                            |
| 0.3-1.7*                    | <b>FSJ4P-50B-6</b>  | N Male                 | 1.15 (23.1)                       | 1.15 (23.1)         | 1.15 (23.1)           | 1.20 (20.8)                  |
|                             |                     | N Female               | 1.15 (23.1)                       | 1.15 (23.1)         | 1.15 (23.1)           | 1.20 (20.8)                  |
|                             |                     | 7-16 DIN Male          | 1.15 (23.1)                       | 1.15 (23.1)         | 1.15 (23.1)           | 1.20 (20.8)                  |
|                             |                     | 7-16 DIN Female        | 1.15 (23.1)                       | 1.15 (23.1)         | 1.15 (23.1)           | 1.20 (20.8)                  |
|                             |                     | Rt. Angle N Male       | 1.20 (20.8)                       | 1.20 (20.8)         | 1.30 (17.7)           | 1.40 (15.6)                  |
| 1.7-2.7                     | <b>FSJ4P-50B-7</b>  | N Male                 | 1.15 (23.1)                       | 1.15 (23.1)         | 1.15 (23.1)           | 1.20 (20.8)                  |
|                             |                     | N Female               | 1.15 (23.1)                       | 1.15 (23.1)         | 1.15 (23.1)           | 1.20 (20.8)                  |
|                             |                     | 7-16 DIN Male          | 1.15 (23.1)                       | 1.15 (23.1)         | 1.15 (23.1)           | 1.20 (20.8)                  |
|                             |                     | 7-16 DIN Female        | 1.15 (23.1)                       | 1.15 (23.1)         | 1.15 (23.1)           | 1.20 (20.8)                  |
|                             |                     | Rt. Angle N Male       | 1.20 (20.8)                       | 1.20 (20.8)         | 1.20 (20.8)           | 1.20 (20.8)                  |
| 4.0-8.0*                    | <b>FSJ4P-50B-8</b>  | N Male                 | 1.35 (16.5)                       | 1.35 (16.5)         | 1.35 (16.5)           | 1.40 (15.6)                  |
|                             |                     | N Female               | 1.50 (14.0)                       | 1.50 (14.0)         | 1.50 (14.0)           | 1.40 (15.6)                  |
|                             |                     | 7-16 DIN Male          | 1.50 (14.0)                       | 1.50 (14.0)         | 1.50 (14.0)           | 1.40 (15.6)                  |
|                             |                     | 7-16 DIN Female        | 1.50 (14.0)                       | 1.50 (14.0)         | 1.50 (14.0)           | 1.40 (15.6)                  |

\* Specify operating band. \*\* Connectors ordered separately.

VSWR values apply to straight connectors only (except where noted otherwise), are guaranteed for factory fit assemblies and are typical for field cut lengths. If two different connector interfaces are selected, the higher VSWR value is guaranteed.