



**Right Angle to Right Angle Cables**

| Cable Type                    | Dimension L (Inch) | Digi-Key Part No. | Price Each |       |       | Johnson Part No. |
|-------------------------------|--------------------|-------------------|------------|-------|-------|------------------|
|                               |                    |                   | 1          | 10    | 25    |                  |
| <b>SMB Plug to SMB Plug</b>   |                    |                   |            |       |       |                  |
| RG-178                        | 6                  | J1006-ND          | 20.57      | 15.43 | 13.03 | 415-0001-006     |
|                               | 12                 | J1012-ND          | 21.60      | 16.20 | 13.68 | 415-0001-012     |
|                               | 24                 | J1024-ND          | 23.66      | 17.75 | 14.99 | 415-0001-024     |
|                               | 36                 | J1036-ND          | 25.72      | 19.29 | 16.29 | 415-0001-036     |
| RG-316                        | 6                  | J7306-ND          | 19.03      | 14.28 | 12.06 | 415-0004-006     |
|                               | 12                 | J7312-ND          | 19.55      | 14.66 | 12.38 | 415-0004-012     |
|                               | 24                 | J7324-ND          | 21.09      | 15.82 | 13.36 | 415-0004-024     |
|                               | 36                 | J7336-ND          | 22.63      | 16.98 | 14.34 | 415-0004-036     |
| <b>MCX Plug to MCX Plug</b>   |                    |                   |            |       |       |                  |
| RG-178                        | 6                  | J2306-ND          | 16.97      | 12.73 | 10.75 | 415-0015-006     |
|                               | 12                 | J2312-ND          | 18.52      | 13.89 | 11.73 | 415-0015-012     |
|                               | 24                 | J2324-ND          | 20.06      | 15.05 | 12.71 | 415-0015-024     |
|                               | 36                 | J2336-ND          | 22.63      | 16.98 | 14.34 | 415-0015-036     |
| RG-316                        | 6                  | J2706-ND          | 18.11      | 13.58 | 11.47 | 415-0019-006     |
|                               | 12                 | J2712-ND          | 18.67      | 14.01 | 11.83 | 415-0019-012     |
|                               | 24                 | J2724-ND          | 20.37      | 15.28 | 12.90 | 415-0019-024     |
|                               | 36                 | J2736-ND          | 21.50      | 16.13 | 13.62 | 415-0019-036     |
| RG-316DS                      | 6                  | J2906-ND          | 18.11      | 13.58 | 11.47 | 415-0021-006     |
|                               | 12                 | J2912-ND          | 17.81      | 13.36 | 11.29 | 415-0021-012     |
|                               | 24                 | J2924-ND          | 20.93      | 15.70 | 13.26 | 415-0021-024     |
|                               | 36                 | J2936-ND          | 22.63      | 16.98 | 14.34 | 415-0021-036     |
| <b>MMCX Plug to MMCX Plug</b> |                    |                   |            |       |       |                  |
| RG-178                        | 6                  | J736-ND           | 34.95      | 26.22 | 22.14 | 415-0068-006     |
|                               | 12                 | J737-ND           | 36.47      | 27.36 | 23.10 | 415-0068-012     |
|                               | 18                 | J738-ND           | 37.78      | 28.34 | 23.93 | 415-0068-018     |
|                               | 24                 | J739-ND           | 39.09      | 29.32 | 24.76 | 415-0068-024     |
| RG-316                        | 6                  | J740-ND           | 32.73      | 24.55 | 20.73 | 415-0069-006     |
|                               | 12                 | J741-ND           | 33.66      | 25.25 | 21.32 | 415-0069-012     |
|                               | 18                 | J742-ND           | 34.60      | 25.95 | 21.92 | 415-0069-018     |
|                               | 24                 | J743-ND           | 35.54      | 26.66 | 22.51 | 415-0069-024     |
| <b>SMA Plug to SMA Plug</b>   |                    |                   |            |       |       |                  |
| RG-178                        | 6                  | J3506-ND          | 24.17      | 18.14 | 15.32 | 415-0027-006     |
|                               | 12                 | J3512-ND          | 25.20      | 18.90 | 15.96 | 415-0027-012     |
|                               | 24                 | J3524-ND          | 27.77      | 20.84 | 17.60 | 415-0027-024     |
|                               | 36                 | J3536-ND          | 29.83      | 22.38 | 18.90 | 415-0027-036     |
| RG-316                        | 6                  | J4006-ND          | 20.06      | 15.05 | 12.71 | 415-0032-006     |
|                               | 12                 | J4012-ND          | 20.57      | 15.43 | 13.03 | 415-0032-012     |
|                               | 24                 | J4024-ND          | 22.12      | 16.59 | 14.01 | 415-0032-024     |
|                               | 36                 | J4036-ND          | 23.66      | 17.75 | 14.99 | 415-0032-036     |
| RG-316DS                      | 6                  | J4406-ND          | 22.63      | 16.98 | 14.34 | 415-0036-006     |
|                               | 12                 | J4412-ND          | 21.48      | 16.11 | 13.61 | 415-0036-012     |
|                               | 24                 | J4424-ND          | 24.89      | 18.68 | 15.77 | 415-0036-024     |
|                               | 36                 | J4436-ND          | 25.14      | 18.86 | 15.93 | 415-0036-036     |
| RG-58                         | 12                 | J4912-ND          | 20.95      | 15.72 | 13.27 | 415-0041-012     |
|                               | 24                 | J4924-ND          | 23.66      | 17.75 | 14.99 | 415-0041-024     |
|                               | 36                 | J4936-ND          | 24.69      | 18.52 | 15.64 | 415-0041-036     |

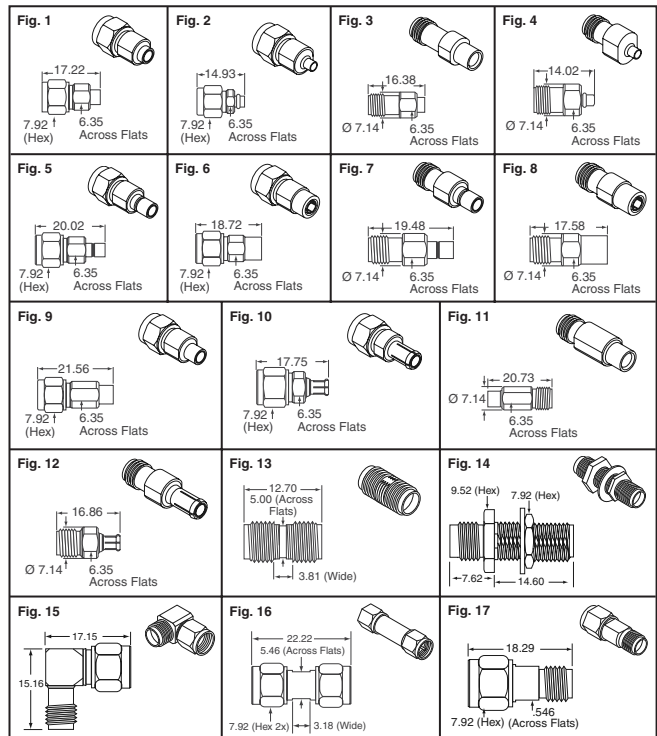
**Straight to Right Angle Cables**

| Cable Type                            | Dimension L (Inch) | Digi-Key Part No. | Price Each |       |       | Johnson Part No. |
|---------------------------------------|--------------------|-------------------|------------|-------|-------|------------------|
|                                       |                    |                   | 1          | 10    | 25    |                  |
| <b>SMB Plug to SMB Plug</b>           |                    |                   |            |       |       |                  |
| RG-316                                | 6                  | J1106-ND          | 18.52      | 13.89 | 11.73 | 415-0002-006     |
|                                       | 12                 | J1112-ND          | 19.55      | 14.66 | 12.38 | 415-0002-012     |
|                                       | 24                 | J1124-ND          | 20.57      | 15.43 | 13.03 | 415-0002-024     |
|                                       | 36                 | J1136-ND          | 22.12      | 16.59 | 14.01 | 415-0002-036     |
| RG-178                                | 6                  | J1506-ND          | 22.63      | 16.98 | 14.34 | 415-0007-006     |
|                                       | 12                 | J1512-ND          | 23.66      | 17.75 | 14.99 | 415-0007-012     |
|                                       | 24                 | J1524-ND          | 26.23      | 19.68 | 16.62 | 415-0007-024     |
|                                       | 36                 | J1536-ND          | 28.29      | 21.22 | 17.92 | 415-0007-036     |
| <b>MCX Plug to MCX Plug</b>           |                    |                   |            |       |       |                  |
| RG-316                                | 6                  | J2506-ND          | 16.97      | 12.73 | 10.75 | 415-0017-006     |
|                                       | 12                 | J2512-ND          | 17.54      | 13.16 | 11.11 | 415-0017-012     |
|                                       | 24                 | J2524-ND          | 18.67      | 14.01 | 11.83 | 415-0017-024     |
|                                       | 36                 | J2536-ND          | 20.37      | 15.28 | 12.90 | 415-0017-036     |
| <b>SMA Plug to SMA Plug</b>           |                    |                   |            |       |       |                  |
| RG-178                                | 6                  | J3406-ND          | 21.91      | 16.43 | 13.88 | 415-0026-006     |
|                                       | 12                 | J3412-ND          | 22.87      | 17.15 | 14.49 | 415-0026-012     |
|                                       | 24                 | J3424-ND          | 24.99      | 18.75 | 15.83 | 415-0026-024     |
|                                       | 36                 | J3436-ND          | 27.65      | 20.75 | 17.52 | 415-0026-036     |
| RG-316                                | 6                  | J3806-ND          | 18.00      | 13.50 | 11.40 | 415-0030-006     |
|                                       | 12                 | J3812-ND          | 18.52      | 13.89 | 11.73 | 415-0030-012     |
|                                       | 24                 | J3824-ND          | 19.47      | 14.61 | 12.34 | 415-0030-024     |
|                                       | 36                 | J3836-ND          | 21.50      | 16.13 | 13.62 | 415-0030-036     |
| RG-316DS                              | 6                  | J4206-ND          | 18.00      | 13.50 | 11.40 | 415-0034-006     |
|                                       | 12                 | J4212-ND          | 19.03      | 14.28 | 12.06 | 415-0034-012     |
|                                       | 24                 | J4224-ND          | 20.57      | 15.43 | 13.03 | 415-0034-024     |
|                                       | 36                 | J4236-ND          | 22.12      | 16.59 | 14.01 | 415-0034-036     |
| RG-142                                | 12                 | J5212-ND          | 25.20      | 18.90 | 15.96 | 415-0044-012     |
|                                       | 24                 | J5224-ND          | 31.89      | 23.92 | 20.20 | 415-0044-024     |
|                                       | 36                 | J5236-ND          | 38.57      | 28.94 | 24.44 | 415-0044-036     |
| <b>SMA Bulkhead Jack to MMCX Plug</b> |                    |                   |            |       |       |                  |
| RG-178                                | 6                  | J754-ND           | 33.07      | 24.81 | 20.95 | 415-0072-006     |
|                                       | 12                 | J755-ND           | 34.57      | 25.93 | 21.90 | 415-0072-012     |
|                                       | 18                 | J756-ND           | 35.88      | 26.91 | 22.73 | 415-0072-018     |
|                                       | 24                 | J757-ND           | 37.19      | 27.89 | 23.56 | 415-0072-024     |
|                                       | 36                 | J758-ND           | 40.73      | 30.56 | 25.80 | 415-0072-036     |

| Cable Type                           | Dimension L (Inch) | Digi-Key Part No. | Price Each |       |       | Johnson Part No. |
|--------------------------------------|--------------------|-------------------|------------|-------|-------|------------------|
|                                      |                    |                   | 1          | 10    | 25    |                  |
| RG-316                               | 6                  | J759-ND           | 30.18      | 22.64 | 19.12 | 415-0073-006     |
|                                      | 12                 | J760-ND           | 31.02      | 23.27 | 19.65 | 415-0073-012     |
|                                      | 18                 | J761-ND           | 32.14      | 24.11 | 20.36 | 415-0073-018     |
|                                      | 24                 | J762-ND           | 33.07      | 24.81 | 20.95 | 415-0073-024     |
|                                      | 36                 | J763-ND           | 35.50      | 26.63 | 22.49 | 415-0073-036     |
| <b>SMA Bulkhead Jack to SMA Plug</b> |                    |                   |            |       |       |                  |
| RG-316                               | 6                  | J764-ND           | 27.84      | 20.88 | 17.64 | 415-0074-006     |
|                                      | 12                 | J765-ND           | 28.78      | 21.59 | 18.23 | 415-0074-012     |
|                                      | 24                 | J766-ND           | 30.65      | 22.99 | 19.41 | 415-0074-024     |
|                                      | 36                 | J767-ND           | 33.26      | 24.95 | 21.07 | 415-0074-036     |
| RG-316DS                             | 6                  | J768-ND           | 35.13      | 26.35 | 22.25 | 415-0074-048     |
|                                      | 12                 | J769-ND           | 28.52      | 21.40 | 18.07 | 415-0064-006     |
|                                      | 24                 | J772-ND           | 29.30      | 21.98 | 18.56 | 415-0064-012     |
|                                      | 36                 | J7224-ND          | 31.08      | 23.32 | 19.69 | 415-0064-024     |
| RG-142                               | 6                  | J7236-ND          | 33.49      | 25.12 | 21.21 | 415-0064-036     |
|                                      | 12                 | J773-ND           | 32.28      | 24.22 | 20.45 | 415-0064-048     |
|                                      | 6                  | J774-ND           | 33.26      | 24.95 | 21.07 | 415-0075-006     |
|                                      | 12                 | J775-ND           | 36.81      | 27.61 | 23.32 | 415-0075-012     |
| RG-142                               | 24                 | J776-ND           | 43.91      | 32.94 | 27.82 | 415-0075-024     |
|                                      | 36                 | J777-ND           | 51.57      | 38.68 | 32.67 | 415-0075-036     |
|                                      | 48                 | J778-ND           | 58.49      | 43.87 | 37.05 | 415-0075-048     |

**Adapters**

Dimensions in (mm)



| Fig. | Description                      | VSWR (GHz)   | Frequency Range (GHz) | Digi-Key Part No. | Price Each 1 | Johnson Part No. |
|------|----------------------------------|--------------|-----------------------|-------------------|--------------|------------------|
| 1    | SMA Plug to MMCX Jack            | 1.05 + .05f  | 0 - 6                 | J617-ND           | 39.60        | 134-1019-151     |
| 2    | SMA Plug to MMCX Plug            | 1.05 + .05f  | 0 - 6                 | J618-ND           | 42.90        | 134-1019-161     |
| 3    | SMA Jack to MMCX Jack            | 1.05 + .05f  | 0 - 6                 | J619-ND           | 36.30        | 134-1019-171     |
| 4    | SMA Jack to MMCX Plug            | 1.05 + .05f  | 0 - 6                 | J620-ND           | 39.60        | 134-1019-181     |
| 5    | SMA Plug to SMB Jack             | 1.05 + .01f  | 0 - 4                 | J621-ND           | 36.30        | 134-1012-011     |
| 6    | SMA Plug to SMB Plug             | 1.05 + .01f  | 0 - 4                 | J622-ND           | 39.60        | 134-1012-021     |
| 7    | SMA Jack to SMB Jack             | 1.05 + .01f  | 0 - 4                 | J623-ND           | 36.30        | 134-1012-031     |
| 8    | SMA Jack to SMB Plug             | 1.05 + .01f  | 0 - 4                 | J624-ND           | 37.23        | 134-1012-041     |
| 9    | SMA Plug to MCX Jack             | 1.03 + .03f  | 0 - 6                 | J625-ND           | 36.30        | 134-1018-001     |
| 10   | SMA Plug to MCX Plug             | 1.03 + .03f  | 0 - 6                 | J626-ND           | 39.60        | 134-1018-011     |
| 11   | SMA Jack to MCX Jack             | 1.03 + .03f  | 0 - 6                 | J627-ND           | 36.30        | 134-1018-021     |
| 12   | SMA Jack to MCX Plug             | 1.03 + .03f  | 0 - 6                 | J628-ND           | 36.30        | 134-1018-031     |
| 13   | SMA Jack to SMA Jack             | 1.05 + .005f | 0 - 18                | J655-ND           | 18.97        | 142-0901-801     |
| 14   | SMA Jack to SMA Bulkhead Jack    | 1.05 + .01f  | 0 - 18                | J659-ND           | 27.08        | 142-0901-401     |
| 15   | SMA Jack to SMA Plug / Rt. Angle | 1.035 + .02f | 0 - 18                | J632-ND           | 24.54        | 142-0901-941     |
| 16   | SMA Plug to SMA Plug             | 1.05 + .01f  | 0 - 18                | J633-ND           | 21.87        | 142-0901-811     |
| 17   | SMA Plug to SMA Jack             | 1.05 + .005f | 0 - 18                | J656-ND           | 14.25        | 142-0901-821     |

Note: All Adapters are Gold plated.

More Product Available Online: [www.digkey.com](http://www.digkey.com)

Toll-Free: 1-800-344-4539 • Phone 218-681-6674 • Fax: 218-681-3380