

**Coaxial Within Series Adapter Selection Matrix**

Use this handy chart to locate the desired within series or T type adapter. Simply locate the connector type and configuration in the top row. Then find the connector type and gender in the left hand column. Intersect the row and column to determine availability. If a specific adapter

type is not listed, please visit our website at **L-com.com** for the latest information or call our technical support group at **800-343-1455** for assistance. Adapters listed are generally intended for use in the RF band.

| INTERFACE SERIES     | SAME GENDER IN SERIES   |                           |                      |             | GENDER CHANGE IN SERIES |              |                                 |                      |
|----------------------|-------------------------|---------------------------|----------------------|-------------|-------------------------|--------------|---------------------------------|----------------------|
|                      | STRAIGHT                | BULKHEAD                  | 3 PORT TEE (F, F, F) | RIGHT ANGLE | STRAIGHT                | RIGHT ANGLE  | 3 PORT TEE (F, M, F)            | 3 PORT F or Y        |
| BNC FEMALE           | BA80, BA80E, BIF-CB     | BA1087, BA1089, BA1087E   | BA832, BA832E        |             |                         | BA240        | BA250, BA250E, BIF-TB1, BIF-TB2 | BA840 (F), BA845 (Y) |
| BNC FEMALE (75 Ohms) | BA016                   | BA036, BA039              | BA019                |             |                         | BA038        | BA035                           |                      |
| BNC MALE             | BA100                   |                           |                      |             |                         |              |                                 |                      |
| F FEMALE             |                         | BA330A                    | BA132                |             | BA124                   | BA126, BA123 | BA133                           |                      |
| F MALE               | BA122                   |                           |                      |             |                         |              |                                 |                      |
| MINI UHF FEMALE      | BA476                   |                           |                      |             |                         | BA470        |                                 |                      |
| MINI UHF MALE        | BA478                   |                           |                      |             |                         |              |                                 |                      |
| N FEMALE             | BN120, BIF-CN, AXA-NFNF | AXA-NFNF, AXA-NFNF2       | BN133                |             |                         | BN121        | BN126                           |                      |
| N MALE               | BN106, AXA-NMNM         |                           |                      | AXA-NMNM90  |                         | AXA-NMNF90   |                                 |                      |
| RCA FEMALE           |                         | BA400(R, G, B, Y), BA400A |                      |             |                         |              |                                 |                      |
| SMA FEMALE           | BA23                    | BA21, AXA-SFSFB           | BA18                 |             |                         | BA20         | BA19                            |                      |
| SMA MALE             | BA22, AXA-SMSM          |                           |                      |             |                         |              |                                 |                      |
| RP-SMA PLUG          | AXA-RSPRSP              |                           |                      |             |                         |              |                                 |                      |
| RP-SMA JACK          |                         | AXA-RSJRSJB               |                      |             |                         |              |                                 |                      |
| TNC FEMALE           |                         | BA2301, BA1090            |                      |             | BA4000                  |              |                                 |                      |
| RP-TNC PLUG          | AXA-RTPRTP              |                           |                      |             |                         |              |                                 |                      |
| RP-TNC JACK          | AXA-RTJRTJ              |                           |                      |             |                         |              |                                 |                      |
| UHF FEMALE           | BA170                   | BA406Z                    | BA303                |             |                         | BA404Z       |                                 |                      |
| UHF MALE             | BA280                   |                           |                      |             |                         |              |                                 |                      |



| Item #  | Description  | 1-9  | 10-24 | 25-99 | 100-249 | 250-499 |
|---|--|------|-------|-------|---------|---------|
| <b>✓RoHS BNC Within Series Adapters - 50 Ohm</b>  |  |      |       |       |         |         |
| BA80  | Coaxial Adapter, BNC Female / Female                               | 1.95 | 1.83  | 1.72  | 1.60    | 1.48    |
| BA100   | Coaxial Adapter, BNC Male / Male                                   | 2.95 | 2.77  | 2.60  | 2.42    | 2.24    |
| BA240   | Coaxial Adapter, BNC Female / 90° Male                             | 3.95 | 3.71  | 3.48  | 3.24    | 3.00    |
| BA250   | Coaxial T Adapter, BNC Female / Male / Female                      | 3.95 | 3.71  | 3.48  | 3.24    | 3.00    |
| BA832   | Coaxial T Adapter, BNC Female / Female / Female                    | 4.05 | 3.81  | 3.56  | 3.32    | 3.08    |
| BA840   | Coaxial Adapter, BNC Male / Female / Female                        | 7.95 | 7.47  | 7.00  | 6.52    | 6.04    |
| BA845   | Coaxial Adapter, BNC Female / Male / Female                        | 7.95 | 7.47  | 7.00  | 6.52    | 6.04    |
| BA1087  | Coaxial Adapter, BNC Bulkhead, Female / Female, Grounded           | 3.95 | 3.71  | 3.48  | 3.24    | 3.00    |
| BA1089  | Coaxial Adapter, BNC Bulkhead, Female / Female, Insulated Ground   | 4.95 | 4.65  | 4.36  | 4.06    | 3.76    |
| <b>✓RoHS True 75 Ohm BNC Within Series Adapters - To Precisely Match All 75 Ohm Coaxial Cables</b>  |  |      |       |       |         |         |
| BA016   | Coaxial Adapter, BNC Female / Female (Splice)                      | 2.95 | 2.77  | 2.60  | 2.42    | 2.24    |
| BA019   | Coaxial T Adapter, BNC Female / Female / Female                    | 4.95 | 4.65  | 4.36  | 4.06    | 3.76    |
| BA035   | Coaxial T Adapter, BNC Female / Male / Female                      | 4.95 | 4.65  | 4.36  | 4.06    | 3.76    |
| BA036   | Coaxial Adapter, BNC Female / Female Bulkhead                      | 4.95 | 4.65  | 4.36  | 4.06    | 3.76    |
| BA038   | Coaxial Adapter, BNC Male / 90° Female                             | 4.95 | 4.65  | 4.36  | 4.06    | 3.76    |
| BA039   | Coaxial Adapter, BNC Female / Female Bulkhead                      | 5.65 | 5.31  | 4.97  | 4.63    | 4.29    |
| <b>✓RoHS Economy BNC Adapters - 50 Ohm - Cast Metal Components Save on Production Costs</b>   |  |      |       |       |         |         |
| BA80E   | Economy Coaxial Adapter, BNC Female / Female                       | 1.25 | 1.17  | 1.10  | 1.03    | 0.95    |
| BA250E  | Economy Coaxial T Adapter, BNC Female / Male / Female              | 1.95 | 1.83  | 1.72  | 1.60    | 1.48    |
| BA832E  | Economy Coaxial T Adapter, BNC Female / Female / Female            | 2.95 | 2.77  | 2.60  | 2.42    | 2.24    |
| BA1087E   | Economy Coaxial Adapter, BNC Bulkhead Adapter, Grounded            | 2.95 | 2.77  | 2.60  | 2.42    | 2.24    |
| <b>✓RoHS SMA Within Series Adapters - 50 Ohm</b>  |  |      |       |       |         |         |
| L-com offers the interseries coaxial adapters to help you match any SMA terminated cable to any other. Adapters are machined nickel plated brass, contacts are gold plated. |  |      |       |       |         |         |
| BA18  | Coaxial Adapter, SMA Female / Female / Female                      | 5.75 | 5.40  | 5.06  | 4.72    | 4.37    |
| BA19  | Coaxial Adapter, SMA Female / Male / Female                        | 5.75 | 5.40  | 5.06  | 4.72    | 4.37    |
| BA20  | Coaxial Adapter, SMA Female / Male, 90°                            | 5.75 | 5.40  | 5.06  | 4.72    | 4.37    |
| BA21  | Coaxial Adapter, SMA Female / Female (Bulkhead)                    | 5.75 | 5.40  | 5.06  | 4.72    | 4.37    |
| BA23  | Coaxial Adapter, SMA Female / Female                               | 5.75 | 5.40  | 5.06  | 4.72    | 4.37    |
| AXA-SMSM  | Coaxial Adapter, SMA Male / SMA Male Barrel Adapter                | 3.49 | 3.35  | 3.21  | 2.97    | 2.62    |
| AXA-SFSFB   | Coaxial Adapter, SMA Female / SMA Female Bulkhead Bullet Adapter   | 3.99 | 3.83  | 3.67  | 3.39    | 2.99    |
| AXA-RSJRSJB   | Coaxial Adapter, RP-SMA Jack / RP-SMA Jack Bulkhead Adapter        | 3.99 | 3.83  | 3.67  | 3.39    | 2.99    |
| AXA-RSPRSP  | Coaxial Adapter, RP-SMA Plug / RP-SMA Plug                         | 3.99 | 3.83  | 3.67  | 3.39    | 2.99    |
| <b>✓RoHS Type F Within Series Adapters - 75 Ohm</b>   |  |      |       |       |         |         |
| BA122   | Coaxial Adapter, Type F Male / Male                                | 1.95 | 1.83  | 1.72  | 1.60    | 1.48    |
| BA123   | Coaxial Adapter, Type F Female / Male, Right Angle                 | 1.95 | 1.83  | 1.72  | 1.60    | 1.48    |
| BA124   | Coaxial Adapter, Type F Male Push-on / Female                      | 1.25 | 1.17  | 1.10  | 1.03    | 0.95    |
| BA126   | Coaxial Adapter, Type F Female / Male Push On, 90°                 | 1.95 | 1.83  | 1.72  | 1.60    | 1.48    |
| BA132   | Coaxial T Adapter, Type F Female / Female / Female                 | 2.95 | 2.77  | 2.60  | 2.42    | 2.24    |
| BA133   | Coaxial T Adapter, Type F Male Push-on / Female / Female           | 2.95 | 2.77  | 2.60  | 2.42    | 2.24    |
| BA330A  | Coaxial Bulkhead Adapter, Type F Female / Female, (5/1.3cm D-Hole) | 1.95 | 1.83  | 1.72  | 1.60    | 1.48    |

