

| PCB Mount Jacks      | Order Code | Price Each |        |        |        |
|----------------------|------------|------------|--------|--------|--------|
|                      |            | 1+         | 10+    | 50+    | 100+   |
| <b>SMT PCB Mount</b> |            |            |        |        |        |
| Straight             | 410-8097   | 239.00     | 204.00 | 179.00 | 144.00 |
| Straight RA          | 116-9633   | 262.00     | 224.00 | 197.00 | 158.00 |
| RA                   | 410-8103   | 289.00     | 248.00 | 217.00 | 174.00 |
| RA                   | 116-9635   | 327.00     | 280.00 | 246.00 | 196.00 |



SMA Adaptors

239946

| Adaptors               | Order Code | Price Each |        |        |        |
|------------------------|------------|------------|--------|--------|--------|
|                        |            | 1+         | 10+    | 50+    | 100+   |
| SMA Plug - SMA Plug    | 410-8139   | 227.00     | 195.00 | 171.00 | 137.00 |
| SMA Plug - SMA Plug    | 116-9638   | 249.00     | 214.00 | 188.00 | 151.00 |
| SMA Jack - SMA Jack    | 410-8140   | 227.00     | 194.00 | 170.00 | 136.00 |
| SMA Jack - SMA Jack    | 116-9639   | 249.00     | 213.00 | 187.00 | 150.00 |
| RA SMA Plug - SMA Jack | 410-8115   | 311.00     | 266.00 | 234.00 | 187.00 |
| RA SMA Plug - SMA Jack | 116-9636   | 342.00     | 292.00 | 256.00 | 205.00 |
| SMA BH Jack - SMA Jack | 410-8127   | 296.00     | 254.00 | 222.00 | 177.00 |
| SMA BH Jack - SMA Jack | 116-9637   | 328.00     | 282.00 | 246.00 | 197.00 |

**SMA Plugs and Jacks**



50Ω



- Precision connectors for microwave applications up to 18GHz
- Characterised by high mechanical strength, high durability, high reliability and low VSWR

| Impedance             | 50Ω          | Contact Res - Outer  | 2.5mΩ                     | Order Code            |          |
|-----------------------|--------------|----------------------|---------------------------|-----------------------|----------|
| Frequency Range       | 0 to 18.0GHz | Ins Resistance       | ≥5·10 <sup>3</sup> MΩ min | Mftrs. List No.       |          |
| Contact Res - Centre  | 3mΩ          | Temp Range           | -65°C/165°C to +          | Mftrs. List No.       |          |
| 11 SMA-50-3-5/111NH   | 416-2961     | 16 SMA-50-3-3/111NE  | 416-3126                  | 16 SMA-50-3-105/111NE | 416-2985 |
| 21 SMA-50-3-5/111NE   | 416-2973     | 24 SMA-50-3-15/111NH | 416-3140                  | 11 SMA-50-2-15/111NE  | 416-3151 |
| 24 SMA-50-3-42/133NE  | 416-2997     | 11 SMA-50-2-15/111NE | 416-3151                  | 16 SMA-50-2-103/111NH | 416-3163 |
| 11 SMA-50-1-4/111NE   | 416-3047     | 21 SMA-50-2-15/111NH | 416-3175                  | 24 SMA-50-2-15/111NH  | 416-3187 |
| 16 SMA-50-1-1/111NE   | 416-3059     | 82 SMA-50-0-1/111NE  | 416-3000                  | 85 SMA-50-0-101/111NE | 416-3011 |
| 24 SMA-50-1-3/111NE   | 416-3060     | 31 SMA-50-0-1/111NE  | 416-3023                  | 34 SMA-50-0-1/111NH   | 416-3035 |
| 11 SMA-50-2-5/111NH   | 416-3072     |                      |                           |                       |          |
| 16 SMA-50-2-105/111NE | 416-3084     |                      |                           |                       |          |
| 21 SMA-50-2-5/111NE   | 416-3096     |                      |                           |                       |          |
| 24 SMA-50-2-14/111NH  | 416-3102     |                      |                           |                       |          |
| 11 SMA-50-3-15/111NE  | 416-3114     |                      |                           |                       |          |

240676

|                      | Order Code | Price Each |        |        |
|----------------------|------------|------------|--------|--------|
|                      |            | 1+         | 10+    | 50+    |
| <b>Plugs - RG58</b>  |            |            |        |        |
| Straight             | 416-2961   | 570.00     | 508.00 | 461.00 |
| RA                   | 416-2985   | 589.00     | 525.00 | 476.00 |
| <b>Jacks - RG58</b>  |            |            |        |        |
| Straight             | 416-2973   | 723.00     | 645.00 | 584.00 |
| Bulkhead             | 416-2997   | 650.00     | 580.00 | 524.00 |
| <b>Plugs - RG178</b> |            |            |        |        |
| Straight             | 416-3047   | 917.00     | 819.00 | 741.00 |
| RA                   | 416-3059   | 739.00     | 659.00 | 596.00 |
| <b>Jacks - RG178</b> |            |            |        |        |
| Bulkhead             | 416-3060   | 1,098.00   | 980.00 | 888.00 |
| <b>Plugs - RG174</b> |            |            |        |        |
| Straight             | 416-3072   | 462.00     | 412.00 | 374.00 |
| RA                   | 416-3084   | 433.00     | 386.00 | 350.00 |
| <b>Jacks - RG174</b> |            |            |        |        |
| Straight             | 416-3096   | 660.00     | 589.00 | 533.00 |
| Bulkhead             | 416-3102   | 901.00     | 804.00 | 728.00 |
| <b>Plugs - RG402</b> |            |            |        |        |
| Straight             | 416-3114   | 256.00     | --     | --     |
| RA                   | 416-3126   | 571.00     | 510.00 | 470.00 |
| <b>Jacks - RG402</b> |            |            |        |        |
| Straight             | 416-3138   | 424.00     | 379.00 | 384.00 |
| Bulkhead             | 416-3140   | 728.00     | 650.00 | 588.00 |
| <b>Plugs - RG405</b> |            |            |        |        |
| Straight             | 416-3151   | 237.00     | 231.00 | --     |
| RA                   | 416-3163   | 569.00     | 507.00 | 459.00 |
| <b>Jacks - RG405</b> |            |            |        |        |
| Straight             | 416-3175   | 401.00     | 360.00 | 325.00 |
| Bulkhead             | 416-3187   | 770.00     | 688.00 | 622.00 |

| PCB Mount Jacks    | Order Code | Price Each |        |        |
|--------------------|------------|------------|--------|--------|
|                    |            | 1+         | 10+    | 50+    |
| Straight           | 416-3000   | 495.00     | 442.00 | 400.00 |
| RA                 | 416-3011   | 645.00     | 575.00 | 554.00 |
| <b>Adaptors</b>    |            |            |        |        |
| Jack to Jack       | 416-3023   | 851.00     | 759.00 | 686.00 |
| BHead Jack to Jack | 416-3035   | 936.00     | 835.00 | 766.00 |

**SMA Jack End Launchers 50Ω**



High performance board edge jack receptacles with gold plated brass bodies, PTFE insulators and beryllium copper contacts.

**NEW**

| Impedance          | 50Ω       | Insulation Resistance | 5000MR                  |
|--------------------|-----------|-----------------------|-------------------------|
| Frequency Range    | 0 - 18GHz | Body                  | Brass - Gold plated     |
| Contact Resistance | 3mR       | Mftrs List No.        |                         |
| 142-0701-841       | =         | 101-9324              | 142-0711-821 = 101-9328 |
| 142-0701-851       | =         | 101-9325              | 142-0711-841 = 101-9329 |
| 142-0701-873       | =         | 101-9327              |                         |

417496

| Type             | Contact Style | PCB Thickness (mm) | Order Code | Price Each |        |        |        |
|------------------|---------------|--------------------|------------|------------|--------|--------|--------|
|                  |               |                    |            | 1+         | 10+    | 50+    | 100+   |
| <b>SMA Jacks</b> |               |                    |            |            |        |        |        |
| PCB              | Tab           | 1.07               | 101-9324   | 379.00     | 349.00 | 334.00 | 315.00 |
| PCB              | Tab           | 1.57               | 101-9325   | 379.00     | 349.00 | 334.00 | 315.00 |
| Bulkhead         | Round         | 1.57               | 101-9327   | 393.00     | 362.00 | 346.00 | 327.00 |
| PCB              | Round         | 1.57               | 101-9328   | 305.00     | 281.00 | 269.00 | 253.00 |
| PCB              | Round         | 1.07               | 101-9329   | 305.00     | 281.00 | 269.00 | 253.00 |

**SMB Series - Snap On Coupling**

**SMB Plugs and Jacks 50Ω**



A range of snap on general purpose subminiature connectors. They are smaller than the SMA range and are especially suitable for use within equipment where space is limited.

| Centre Contact Plating        | Gold             | Dielectric Material       | PTFE  |
|-------------------------------|------------------|---------------------------|-------|
| Centre contact material Plugs | Beryllium Copper | Operating Temperature Max | 165°C |
| Body Material                 | Brass            | Body plating              | Gold  |
| Centre contact material Jacks | Brass            |                           |       |

**Plugs 50Ω**



| Mftrs. List No. | Order Code | Mftrs. List No. | Order Code |
|-----------------|------------|-----------------|------------|
| 1-1337475-0     | 121-2896   | 1-1478008-0     | 105-6382   |
| 1-1478008-0     | 508-1464   |                 |            |

|          | Order Code | Price Each |        |        |        |
|----------|------------|------------|--------|--------|--------|
|          |            | 1+         | 25+    | 100+   | 250+   |
| Straight | 121-2896   | 282.00     | 265.00 | 239.00 | 226.00 |
| Elbow    | 508-1464   | 341.00     | 322.00 | 290.00 | 273.00 |
| Elbow    | 105-6382   | 341.00     | 322.00 | 290.00 | 273.00 |

**PCB Jacks 50Ω**



| Mftrs. List No. | Order Code | Mftrs. List No. | Order Code |
|-----------------|------------|-----------------|------------|
| 1-1337482-0     | 120-6013   | 1-1337481-0     | 121-2895   |

338963

|          | Order Code | Price Each |        |        |        |
|----------|------------|------------|--------|--------|--------|
|          |            | 1+         | 25+    | 100+   | 250+   |
| Straight | 120-6013   | 135.00     | 126.00 | 115.00 | 108.00 |
| Elbow    | 121-2895   | 256.00     | 236.00 | 217.00 | 204.00 |

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Connectors - RF Coaxial

Compliant  
Non-compliant  
RoHS  
+ Limited stock - RoHS replacement available