

SMA Series Coaxial Plug and Jack Connectors

All SMA miniature connectors meet or exceed requirements of MIL-C-39012. Part number suffix-02 indicates passivated stainless steel finish, while part number suffix-00 indicates gold plated finish.

Semi-Rigid Cable, Direct Solder Attachment: RG 402/U (.141 In.), RG 405/U (.085 In.)

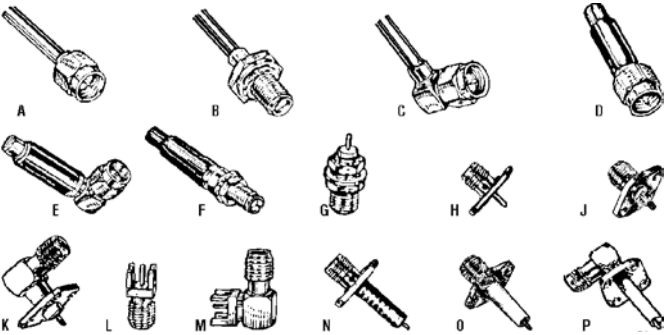
| Stock No. | Mfr.'s Type | M/A-Com Model No. | Fig. | Description            | RG/U Cable | EACH  |
|-----------|-------------|-------------------|------|------------------------|------------|-------|
|           |             |                   |      |                        |            | 1-9   |
| 512-4875  | 1050525-1   | 2001-5003-02      | A    | Std. Plug with Contact | 402        | 9.00  |
| 512-4877  | 1051013-1   | 2004-7941-00      | B    | Bulkhead Jack          | 402        | 12.56 |
| 512-4878  | 1051018-1   | 2004-7985-00      | B    | Bulkhead Jack          | 405        | 14.69 |
| 512-4879  | 1051151-1   | 2007-7941-02      | C    | Right Angle Plug       | 402        | 20.94 |
| 512-4880  | 1051157-1   | 2007-7985-02      | C    | Right Angle Plug       | 405        | 20.88 |

Flexible Cable, Solder Attachment

|          |           |              |   |                  |                                 |       |
|----------|-----------|--------------|---|------------------|---------------------------------|-------|
| 512-4882 | 1051639-1 | 2031-5002-02 | D | Std. Plug        | 55, 58, 141, 142, 223, 303, 400 | 10.54 |
| 512-4883 | 1052063-1 | 2037-5005-02 | E | Right Angle Plug | 55, 58, 141, 142, 223, 303, 400 | 22.66 |
| 512-4884 | 1051644-1 | 2031-5003-02 | D | Std. Plug        | 174, 188, 316                   | 12.04 |
| 512-4885 | 1051942-1 | 2034-5008-00 | F | Bulkhead Jack    | 174, 188, 316                   | 28.88 |
| 512-4886 | 1052067-1 | 2037-5006-02 | E | Right Angle Plug | 174, 188, 316                   | 22.66 |

Flexible Cable, Crimp Attachment

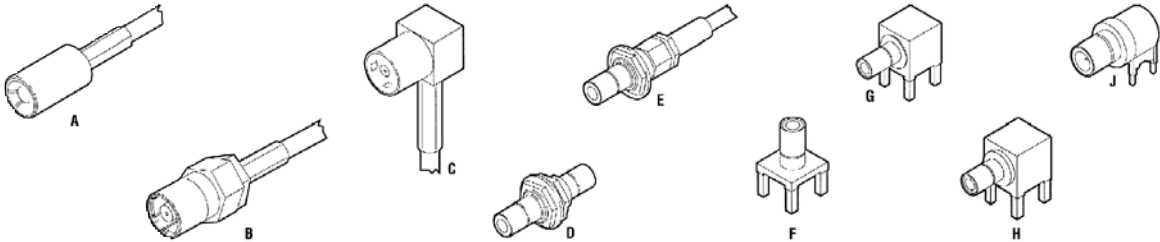
|          |           |              |   |                  |                         |       |
|----------|-----------|--------------|---|------------------|-------------------------|-------|
| 512-4887 | 1056443-1 | 2831-7388-02 | D | Std. Plug        | 174, 179, 187, 188, 316 | 11.05 |
| 512-4888 | 1056438-1 | 2831-7341-02 | D | Std. Plug        | 55, 142, 223, 400       | 11.05 |
| 512-4889 | 1056452-1 | 2834-7388-02 | F | Bulkhead Jack    | 174, 179, 187, 188, 316 | 16.81 |
| 512-4890 | 1056447-1 | 2834-7341-02 | F | Bulkhead Jack    | 55, 142, 223, 400       | 15.06 |
| 512-4891 | 1056462-1 | 2837-7388-02 | E | Right Angle Plug | 174, 179, 223, 188, 316 | 20.93 |
| 512-4892 | 1056458-1 | 2837-7341-02 | E | Right Angle Plug | 55, 142, 223, 400       | 19.03 |



Panel Mount Receptacles

| Stock No. | Mfr.'s Type | M/A-Com Model No. | Fig. | Description                    | Terminal   | EACH  |
|-----------|-------------|-------------------|------|--------------------------------|------------|-------|
|           |             |                   |      |                                |            | 1-9   |
| 512-4893  | 1053134-1   | 2058-0000-02      | G    | Bulkhead Jack                  | Solder Pot | 16.49 |
| 512-4895  | 1052544-1   | 2052-1350-02      | H    | 2-Hole Flange Jack             | Solder Pot | 12.33 |
| 512-4896  | 1052422-1   | 2052-0000-02      | J    | 4-Hole Flange Jack             | Solder Pot | 9.11  |
| 512-4897  | 1052974-1   | 2054-0000-02      | K    | 4-Hole Flange Right Angle Jack | Straight   | 18.92 |
| 512-4898  | 1053354-1   | 2062-0000-00      | L    | Std. P.C. Mount Jack           | Straight   | 11.15 |
| 512-4899  | 1053378-1   | 2064-0000-00      | M    | Right Angle P.C. Jack          | Straight   | 17.69 |
| 512-4912  | 1052551-1   | 2052-1352-00      | N    | 2-Hole Flange Jack             | Straight   | 14.30 |
| 512-4913  | 1052523-1   | 2052-1201-02      | O    | 4-Hole Flange Jack             | Straight   | 10.94 |
| 512-4914  | 1052978-1   | 2054-1201-02      | P    | 4-Hole Flange Rt. Ang. Jack    | Straight   | 15.73 |

50 and 75 Ohm SMB Connectors



SMB Product Facts

- SMB Offers Snap-Fit Coupling for Quick Connect/Disconnect
- Choice of Commercial or MIL-Type Connectors
- 50 and 75 Ohm MIL-Type Connectors Available
- Screw Machined Components for Highest Performance
- Straight Plugs and Jacks are Completely Crimp Terminated
- Fast Easy Cable Assembly
- Low VSWR
- Standard Military, Commercial or AMP Tooling
- MIL-Type Connectors Offer Consistent Mating and Unmating Forces
- Dielectric: Teflon

50 Ohm Straight Plugs

| Stock No. | Mfr.'s Type | Fig. | For RG/U Cable                             | Contact Plating | Other Metal Plating | Style    | EACH |       |       |
|-----------|-------------|------|--------------------------------------------|-----------------|---------------------|----------|------|-------|-------|
|           |             |      |                                            |                 |                     |          | 1-24 | 25-49 | 50-99 |
| 512-2502  | 413985-5    | A    | 178, 178A, 178B 196, 196A                  | Gold            | Gold                | Mil-Type | 9.29 | 8.36  | 6.97  |
| 512-2504  | 413985-6    | A    | 178, 178A, 178B 196, 196A                  | Gold            | Nickel              | Mil-Type | 4.74 | 4.26  | 3.55  |
| 512-2508  | 413985-1    | A    | 174, 316, 188 188A                         | Gold            | Gold                | Mil-Type | 5.64 | 5.08  | 4.23  |
| 512-2510  | 413985-3    | A    | 174, 361, 188 188A                         | Gold            | Nickel              | Mil-Type | 4.57 | 4.06  | 3.38  |
| 512-2516  | 1-413985-1  | A    | 179, 179A, 179B 161, 187, 187A Belden 9221 | Gold            | Nickel              | Mil-Type | 4.51 | 4.06  | 3.38  |

75 Ohm Straight Plugs

|          |          |   |                                            |       |        |               |      |      |      |
|----------|----------|---|--------------------------------------------|-------|--------|---------------|------|------|------|
| 512-2521 | 414618-2 | B | 179, 179A, 179B 161, 187, 187A Belden 9221 | Gold* | Nickel | Zinc Die Cast | 8.30 | 7.47 | 6.22 |
|----------|----------|---|--------------------------------------------|-------|--------|---------------|------|------|------|

50 Ohm Right-Angle Plugs

|          |          |   |                                             |       |        |               |      |      |      |
|----------|----------|---|---------------------------------------------|-------|--------|---------------|------|------|------|
| 512-2507 | 414363-8 | C | 178, 178A, 178B 196, 196A                   | Gold  | Nickel | Zinc Die Cast | 4.01 | 3.61 | 3.01 |
| 512-2511 | 414363-3 | C | 174, 316, 188 188A                          | Gold* | Nickel | Zinc Die Cast | 3.88 | 3.45 | 2.87 |
| 512-2532 | 414002-1 | C | 174, 316, 188 188A                          | Gold  | Gold   | Mil-Type      | 5.17 | 4.65 | 3.88 |
| 512-2534 | 414002-3 | C | 174, 316, 188 188A                          | Gold  | Nickel | Mil-Type      | 5.79 | 5.16 | 4.30 |
| 512-2513 | 414363-5 | C | 179, 179A, 179B 161, 187, 187A, Belden 9221 | Gold* | Nickel | Zinc Die Cast | 3.72 | 3.35 | 2.79 |
| 512-2517 | 414363-4 | C | RD316, 188 Double braid                     | Gold  | Nickel | Zinc Die Cast | 2.10 | 1.89 | 1.58 |
| 512-2519 | 414363-6 | C | RD316, 188 Double braid                     | Gold* | Nickel | Zinc Die Cast | 3.76 | 3.35 | 2.79 |

\*Center contact — gold; outer contact — nickel.

50 Ohm Bulkhead Jack Adapters

| Stock No. | Mfr.'s Type | Fig. | Contact Plating | Body Plating | Style    | EACH |       |       |
|-----------|-------------|------|-----------------|--------------|----------|------|-------|-------|
|           |             |      |                 |              |          | 1-24 | 25-49 | 50-99 |
| 512-2584  | 228553-1    | D    | Gold            | Nickel       | Mil-Type | 5.93 | 5.28  | 4.40  |

50 Ohm Jacks and Bulkhead Jacks

| Stock No. | Mfr.'s Type | Fig. | For RG/U Cable            | Contact Plating | Body Plating | Style    | EACH |       |       |
|-----------|-------------|------|---------------------------|-----------------|--------------|----------|------|-------|-------|
|           |             |      |                           |                 |              |          | 1-24 | 25-49 | 50-99 |
| 512-2567  | 228217-2    | E    | 178, 178A, 178B 196, 196A | Gold            | Nickel       | Mil-Type | 7.68 | 6.92  | 5.76  |
| 512-2573  | 228217-1    | E    | 174, 316, 188 188A        | Gold            | Nickel       | Mil-Type | 7.30 | 6.57  | 5.47  |

50 Ohm PC Board Jacks

| Stock No. | Mfr.'s Type | Fig. | Contact Plating | Body Plating | PCB Leg Plating | Type      | Style                 | EACH |       |       |
|-----------|-------------|------|-----------------|--------------|-----------------|-----------|-----------------------|------|-------|-------|
|           |             |      |                 |              |                 |           |                       | 1-24 | 25-49 | 50-99 |
| 512-2590  | 413990-2    | F    | Gold            | Nickel       | —               | Vertical  | Mil-Type              | 2.56 | 2.31  | 1.92  |
| 512-2592  | 413996-2    | G    | Gold            | Gold         | Gold            | Rt. Angle | Mil-Type, Low Profile | 7.68 | 6.92  | 5.76  |
| 512-2596  | 414026-2    | H    | Gold            | Gold         | Gold            | Rt. Angle | Mil-Type              | 5.62 | 5.00  | 4.11  |
| 512-2591  | 414026-3    | H    | Gold            | Nickel       | Nickel          | Rt. Angle | Mil-Type              | 4.73 | 4.30  | 3.94  |

75 Ohm PC Board Jacks

| Stock No. | Mfr.'s Type | Fig. | Contact Plating | Body Plating               | Type      | Style      | EACH |       |       |
|-----------|-------------|------|-----------------|----------------------------|-----------|------------|------|-------|-------|
|           |             |      |                 |                            |           |            | 1-24 | 25-49 | 50-99 |
| 512-2598  | 221014-1    | J    | Gold            | Front-Nickel Rear-Tin Lead | Rt. Angle | Commercial | 4.17 | 3.75  | 3.13  |

Crimp Tool and Dies

| Stock No. |  | Mfr.'s Type |  | Description                  |  | EACH   |  |
|-----------|--|-------------|--|------------------------------|--|--------|--|
| 512-2599  |  | 354940-1    |  | PRO CRIMPER™ II (Frame Only) |  | 102.00 |  |
| 512-2503  |  | 58483-1     |  | Die                          |  | 82.62  |  |