

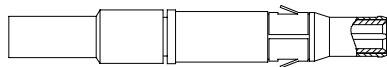
**CONTACTS AND PATCHCORDS**

**MINI COAXIAL CONTACTS AND PATCHCORDS**

Mini Coaxial contacts have a maximum VSWR of 1.100 at 500 MHz. Transmission loss is -0.14 to -0.15 db at 500 MHz and -0.82 to -0.92 db at 2 GHz. Initial average resistance is .0035 OHMS; after 20,000 engagement cycles average resistance is less than .0085 OHMS. Dielectric breakdown voltage is greater than 1500 VDC. Center contacts are finished with 60u" gold; outer shields are finished with 30u" gold except where noted.



**ID Mini Coax Contacts/50 OHM**



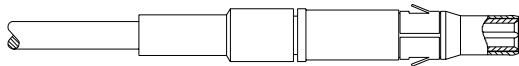
| VPC P/N     | Navy P/N     | Description  |
|-------------|--------------|--|
| 610 103 115 | 1899AS284-01 | RG316, 30u" gold on shield                           |
| 610 103 159 | 1899AS284-04 | RG316, 50u" gold on shield                           |
| 610 103 130 | 1899AS284-02 | RG178, 30u" gold on shield                           |
| 610 103 157 | 1899AS284-03 | RG178, 50u" gold on shield                           |
| 610 103 129 | *            | Two .025 square wire-wrap posts, 30u" gold on shield |
| 610 103 135 | *            | One .025 square wire-wrap post, 30u" gold on shield  |
| 610 103 153 | *            | One .025 square wire-wrap post, 50u" gold on shield  |
| 610 103 150 | 2052AS956-01 | Two .025 round posts .150 long, 50u" gold on shield  |
| 610 103 166 | *            | 24 AWG, 50u" gold                                    |

**Receiver Mini Coax /50 OHM**



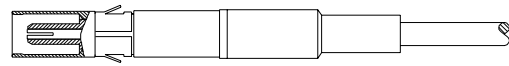
| VPC P/N     | Navy P/N     | Description  |
|-------------|--------------|--|
| 610 104 114 | 1899AS270-01 | RG316, 50u" gold on shield                             |
| 610 104 141 | 1899AS270-02 | RG178, 50u" gold on shield                             |
| 610 104 140 | *            | Two .025 square wire-wrap posts<br>30u" gold on shield |

**ID Mini Coax Patchcords/50 OHM**

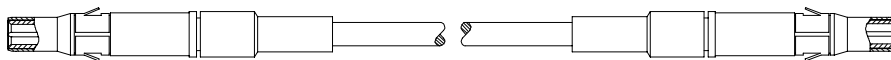


| VPC P/N     | Uses Navy P/N | Uses Contact | Description          | Wire  |
|-------------|---------------|--------------|----------------------|-------|
| 710 102 137 | 1899AS284-01  | 610 103 115  | 36", crimped one end | RG316 |
| 710 106 219 | 1899AS284-02  | 610 103 130  | 36", crimped one end | RG178 |
| 710 106 288 | 1899AS284-03  | 610 103 157  | 36", crimped one end | RG178 |
| 710 106 291 | 1899AS284-04  | 610 103 159  | 36", crimped one end | RG316 |

**Receiver Mini Coax Patchcords/50 OHM**



| VPC P/N     | Uses Navy P/N | Uses Contact | Description          | Wire  |
|-------------|---------------|--------------|----------------------|-------|
| 710 107 155 | 1899AS270-01  | 610 104 114  | 36", crimped one end | RG316 |
| 710 107 237 | 1899AS270-02  | 610 104 141  | 36", crimped one end | RG178 |



| VPC P/N     | Uses Navy P/N | Uses Contact | Description            | Wire  |
|-------------|---------------|--------------|------------------------|-------|
| 710 106 294 | 1899AS284-03  | 610 103 157  | 6", crimped both ends  | RG178 |
| 710 106 295 | 1899AS284-03  | 610 103 157  | 10", crimped both ends | RG178 |
| 710 106 296 | 1899AS284-03  | 610 103 157  | 13", crimped both ends | RG178 |

**NOTE:** Other patchcords available upon request. Please consult your VPC Sales Representative for more information.

*\* Not a Navy Specification*