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Antenna Specialists & RF Connectors

Cross Reference

Cable to Connector Cross Reference



RF Connectors, Division of RF Industries, 7610 Miramar Road, San Diego, CA 92126-4202
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HOW TO USE THIS MANUAL

This manual is organized first by **Antenna Specialists** Cable groups and second by the types of RFI connectors available for those groups. The connectors are divided into subgroups by type.

Each connector listing contains the RFI part number, the description and the materials used for each connector. The materials listings consist of the body, shell, pin/contact, and dielectric.

The Cable Number Locator below is supplied for easy cross-referencing by cable number to page number.

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Example:

*You need to know if RFI has an N Male Clamp Solder Plug for **Antenna Specialists Pro-flex 800**.*

*Refer to the table below for **Antenna Specialists Pro-flex 800**. Go to page 5. Under the heading for **Antenna Specialists, Pro-flex 800** you will find RFB-1101-1P and other options.*

From the description and the materials information you are able to determine if one of these connectors works for your application. The legend on page two explains the material codes used in this manual.

Part numbers with an (*) are special order only. If you have special requirements, please contact RF Industries' Sales Department for assistance.

Cable Number Locator

| Cable # | Page # | Cable # | Page # | Cable # | Page # |
|----------|--------|---------|--------|---------------|--------|
| 18-1-2 | 2 | KE214 | 2 | Pro-flex 800 | 5 |
| 18-158-2 | 4 | K-214 | 5 | Pro-flex Plus | 2 |

The information found in this guide was compiled using specifications that were current at the time of compilation. Please note that manufacturer's specifications are subject to change without notice. We therefore suggest that after using this guide to make your initial connector selections, you should obtain the latest product specifications from this cable manufacturer and RF Industries.

ANTENNA SPECIALISTS & RF INDUSTRIES CABLE TO CONNECTOR CROSS REFERENCE

| Legend | | | |
|----------------------|----------------------|-------------|-----------------------------|
| BODY PLATING | SHELL PLATING | PIN/CONTACT | DIELECTRIC |
| C - Chrome | C - Black Chrome | G – Gold | B - Bakelite, Dap, Phenolic |
| G – Gold | G – Gold | N – Nickel | D - Delrin, Polypropylene |
| N – Nickel | N - Nickel | S – Silver | T - Teflon |
| S – Silver | S - Silver | | |
| SS - Stainless Steel | SS - Stainless Steel | | |

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Antenna Specialists KE214, 18-1-2, Proflex Plus

| PART NUMBER | DESCRIPTION | BODY | SHELL | P/C | DIE |
|-----------------|--|------|-------|-----|-----|
| BNC | | | | | |
| RFB-1100-2 | BNC Male Clamp Solder Plug (Captive Pin); UG-88D/U | N | N | G | D |
| RFB-1100-2ST | BNC Clamp Solder Plug(Captive Pin); UG-88/U, C/U, D/U,E/U | S | S | G | T |
| RFB-1102-T | BNC Male Solderless Plug | N | N | S | T |
| RFB-1104 | BNC Male Twist-on Plug | N | N | S | D |
| RFB-1106-2 | BNC Male Crimp Plug; UG-1785/U | N | N | G | D |
| RFB-1106-2ST | BNC Male Crimp Plug; UG-1785/U | S | S | G | T |
| RFB-1106-2T | BNC Male Crimp Plug; UG-1785/U | N | N | G | T |
| RFB-1106-9 | BNC Male Q/D Univ. Crimp Plug; for BNC, TNC, & N Female | N | N | G | D |
| RFB-1106-C-03 | BNC Male Crimp with BeCu Contact | N | N | G | D |
| RFB-1110-C-04 | BNC Male Right Angle Clamp Plug | S | S | G | T |
| RFB-1110-S | BNC Male Right Angle Solder Plug; UG-913/U, A/U | S | S | S | T |
| RFB-1110-1 | BNC Male Right Angle Crimp Plug | N | N | G | T |
| RFB-1110-C-04 | BNC Male Right Angle Clamp Plug | S | S | G | T |
| RFB-1117 | BNC Female Crimp Bulkhead Jack | N | --- | G | D |
| RFB-1121 | BNC Female Twist-on Jack | N | --- | S | D |
| RFB-1123-1 | BNC Female Crimp Jack | N | --- | G | T |
| RFB-1160 | BNC Wall Plate Flush Mount Crimp Jack | N | --- | G | D |
| RFB-1161 | BNC Wall Plate Flush Mount Twist on Jack | N | --- | G | D |
| 7/16 Din | | | | | |
| RFD-1600-2-C | 7/16 Din Male Clamp Plug Combo Straight or Right Angle | S | S | S | T |
| RFD-1605-2-C | 7/16 Din Male Crimp Plug Combo Straight or Right Angle | S | S | S | T |
| RFD-1625-2-C | 7/16 Din Female Clamp Jack Combo Straight or Right Angle | S | --- | S | T |
| RFD-1630-2-C | 7/16 Din Female Crimp Jack Combo Straight or Right Angle | S | --- | S | T |
| RFD-1641-2-C* | 7/16 Din Female 4-Hole Flange Clamp Panel Mount, Combo Straight or Right Angle | S | --- | S | T |
| RFD-1642-2-C* | 7/16 Din Female 4-Hole Flange Crimp Panel Mount, Combo Straight or Right Angle | S | --- | S | T |
| FME | | | | | |
| RFE-6000-C | FME Male Crimp | N | --- | G | T |
| RFE-6000-6C* | FME Male Crimp, Black | C | --- | G | T |
| RFE-6050-C | FME Female Crimp | N | --- | G | T |
| RFE-6050-6C* | FME Female Crimp, Black | C | --- | G | T |

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| PART NUMBER | DESCRIPTION | BODY | SHELL | P/C | DIE |
|---------------------------|--|------|-------|-----|-----|
| N | | | | | |
| RFN-1000-N | N Male Solder Clamp Plug; UG-536 B/U | N | N | G | T |
| RFN-1000-1S | N Male Solder Clamp Plug; UG-536 A/U | S | S | G | T |
| RFN-1001-S | N Male Solder Plug | S | S | G | T |
| RFN-1005-2N | N Male Crimp Plug | N | N | G | T |
| RFN-1005-3C | N Male Crimp Plug | S | S | G | T |
| RFN-1005-5 | N Male Crimp Plug (Quick Disconnect) | S | S | G | T |
| RFN-1009-C | N Male Right Angle Crimp Plug | S | S | G | T |
| RFN-1009-C-03 | N Male Right Angle Crimp Plug, Square Body | S | S | G | T |
| RFN-1021-6 | N Female Chassis, 4-Hole Flange, Solder Clamp | S | --- | G | T |
| RFN-1022-8-C | N Female Crimp Blkhd, Rear Mount w/ O-Ring, for RG-58/U | N | --- | G | T |
| RFN-1025-1 | N Female Cable Clamp Jack; UG-536B/U | S | --- | G | T |
| RFN-1027 | N Female Crimp Cable Jack | S | --- | G | T |
| Modified Shell SMA | | | | | |
| RFS-2006 | SMA Male Right Angle Crimp with Modified Shell | N | --- | G | T |
| TNC | | | | | |
| RFT-1200 | TNC Male Clamp Solder Plug; MS39012/26-0101 | N | N | S | T |
| RFT-1202-2 | TNC Male Crimp Plug (Captive Pin); MS39012/26-0011 | N | N | G | D |
| RFT-1202-2B | TNC Male Crimp Plug (Black Body); MS39012/26-001 | C | C | G | D |
| RFT-1202-2T | TNC Male Crimp Plug (Captive Pin); MS39012/26-0011 | N | N | G | T |
| RFT-1202-5 | TNC Male Crimp Plug; (Quick Disconnect) | N | N | G | D |
| RFT-1204 | TNC Male Solderless Plug | N | N | S | D |
| RFT-1206 | TNC Male Twist on Plug; AMP 2221983-7 | N | N | S | D |
| RFT-1212 | TNC Female Crimp Bulkhead Jack; MS39012/23329/4-14 | N | --- | G | D |
| RFT-1214 | TNC Female Twist on Cable Jack | N | --- | S | D |
| RFT-1216-1 | TNC Female Crimp Cable Jack; MS39012/27-0504 | N | --- | G | D |
| RFT-1218 | TNC Male R/A Crimp Plug; MS39012/30-0504 | N | N | G | T |
| UHF | | | | | |
| RFU-500 | UHF Solder Plug; PL-259; Use with RFU-530 Reducer | S | N | S | Dap |
| RFU-501 | UHF Solder Plug; PL-259; Use with RFU-530-S Reducer | S | S | S | T |
| RFU-504 | UHF Male Push on Ferrule (No Installation Tools); PL-259 | N | N | S | Dap |
| RFU-505 | UHF Male Crimp Plug | N | N | S | Dap |
| RFU-505-ST | UHF Male Crimp Plug | S | S | S | T |
| RFU-505-5 | UHF Male Crimp Plug (Short Crimp) | N | N | N | D |
| RFU-520 | UHF Female Cable Clamp Jack | N | --- | S | T |
| RFU-527 | UHF Female Crimp | N | N | S | D |
| RFU-527-T | UHF Female Crimp Jack | N | --- | S | T |
| RFU-530 | Adapter/Reducer; Use with RFU-500 | N | --- | --- | --- |
| RFU-530-S | Adapter/Reducer; Use with RFU-501 | S | --- | --- | --- |
| RFU-530-Z* | Adapter/Reducer; Use with RFU-500 & 501 | N | --- | --- | --- |
| Mini-UHF | | | | | |
| RFU-600 | Mini-UHF Push-on Ferrule Plug (No Installation Tools Needed) | N | N | S | T |
| RFU-600-1 | Mini-UHF Male Crimp Plug; (AMP Drawn Metal Type) | N | N | S | D |
| RFU-600-2 | Mini-UHF Male Crimp Plug, Short, Black Chrome; Onaglass Antennas | C | C | G | D |
| RFU-600-5 | Mini-UHF Male Crimp Plug (Quick Disconnect) | N | N | G | D |
| RFU-600-6 | Mini-UHF Male Crimp Plug; AMP 2266-001, Amphenol 81-115 | N | N | S | D |
| RFU-600-10C | Mini-UHF Male R/A Crimp Plug | N | N | G | T |

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| | | | | | |
|-----------|--|---|-----|---|---|
| RFU-601-1 | Mini-UHF Female Crimp Jack | N | --- | G | D |
| RFU-617-C | Mini-UHF Female Crimp Rear Mount Bulkhead Jack | N | --- | G | D |

| PART NUMBER | DESCRIPTION | BODY | SHELL | P/C | DIE |
|-------------------------|---|------|-------|-----|-----|
| Reverse Polarity | | | | | |
| RP-1005-C | N Reverse Polarity Male Crimp Plug (Female Contact) | N | N | G | T |
| RP-1106-C | BNC Reverse Polarity Male Crimp Plug (Female Contact) | N | N | G | T |
| RP-1117-C | BNC Reverse Polarity Crimp Bulkhead Jack (Male Contact) | N | --- | G | T |
| RP-1202-C | TNC Reverse Polarity Male Crimp Plug (Female Contact) | N | N | G | T |
| RP-1212-C | TNC Reverse Polarity Crimp Bulkhead Jack (Male Contact) | N | --- | G | T |
| RP-3000-C | SMA Reverse Polarity Male Crimp Plug (Female Contact) | N | N | G | T |
| RP-3000-1C | SMA Reverse Polarity Male Crimp Plug (Female Contact) | G | G | G | T |
| RP-3010-1C | SMA Reverse Polarity R/A Crimp Plug (Female Contact) | G | G | G | T |
| RP-3050-1C | SMA Reverse Polarity Crimp Jack (Male Contact) | N | --- | G | T |
| RP-3252-1C | SMA Reverse Polarity Crimp Bulkhead Jack (Male Contact) | G | --- | G | T |
| SMA | | | | | |
| RSA-3000-C | SMA Male Crimp Plug | N | N | G | T |
| RSA-3000-1C | SMA Male Crimp Plug, Three Piece | N | G | G | T |
| RSA-3010-C | SMA Male R/A Crimp Plug | N | N | G | T |
| RSA-3050-C | SMA Female Crimp | N | --- | G | T |
| RSA-3060-C* | SMA Female Right Angle Crimp Jack | N | --- | G | T |
| RSA-3100-C | SMA Male Clamp Solder Plug | N | N | G | T |
| RSA-3110-C | SMA Male Right Angle Clamp Plug | N | N | G | T |
| RSA-3220-C* | SMA Male Crimp Bulkhead, 2-Hole Flange | N | N | G | T |
| RSA-3230-C* | SMA Male Crimp Bulkhead, 4-Hole Flange | N | N | G | T |
| RSA-3252-1C* | SMA Female Crimp Bulkhead | G | --- | G | T |
| RSA-3252-C | SMA Female Crimp Bulkhead | N | --- | G | T |
| RSA-3260-C | SMA Female Crimp Bulkhead, 2-Hole Flange | N | --- | G | T |
| RSA-3270-C | SMA Female Crimp Bulkhead, 4-Hole Flange | N | --- | G | T |
| Reverse Thread | | | | | |
| RT-1005-C | N Reverse Thread Male Crimp Plug | N | N | G | T |
| RT-1009-C-03 | N Reverse Thread Right Angle Male Crimp Plug | N | N | G | T |
| RT-1200-C | TNC Reverse Thread Male Clamp Plug | N | N | S | T |
| RT-1202-C | TNC Reverse Thread Male Crimp Plug | N | N | G | D |
| RT-3000-1C | SMA Reverse Thread Male Crimp Plug | N | N | G | T |

Antenna Specialists 18-158-2

| PART NUMBER | DESCRIPTION | BODY | SHELL | P/C | DIE |
|-----------------|--|------|-------|-----|-----|
| BNC | | | | | |
| RFB-1101-1EN | BNC Male Clamp Solder Plug; UG-959A/U | N | N | G | D |
| 7/16 Din | | | | | |
| RFD-1600-2-E | Male Clamp Combination Connector | S | S | S | T |
| RFD-1605-2-E | Male Crimp Combination Connector | S | S | S | T |
| RFD-1625-2-E | Female Clamp Combination Connector | S | --- | S | T |
| RFD-1630-2-E | Female Crimp Combination Connector | S | --- | S | T |
| RFD-1641-2-E* | Female 4 Hole Flange Clamp Combination Connector | S | --- | S | T |
| RFD-1642-2-E* | Female 4 Hole Flange Crimp Combination Connector | S | --- | S | T |
| N | | | | | |
| RFN-1001-S | N Male Solder Plug | S | S | G | T |
| RFN-1002-1N | N Male Solder Clamp Plug | N | N | G | T |
| RFN-1002-1S | N Male Solder Clamp Plug | S | S | G | T |

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| PART NUMBER | DESCRIPTION | BODY | SHELL | P/C | DIE |
|-------------|---|------|-------|-----|-----|
| RFN-1006-3E | N Male Crimp Plug; UG-1681/U | S | S | G | T |
| RFN-1008-3E | N Male Right Angle Clamp Plug | S | S | G | T |
| RFN-1009-3E | N Male Right Angle Crimp Plug | S | S | G | T |
| RFN-1021-7* | N Female 4-Hole Flange Panel Mount Clamp | S | --- | G | T |
| RFN-1024-1 | N Female Cable Clamp Jack; UG-23D/U, F/U | S | --- | G | T |
| TNC | | | | | |
| RFT-1218-E* | TNC Male Right Angle Crimp Plug | N | N | G | T |
| RFT-1219-E | TNC Male Right Angle Clamp Plug | N | N | G | T |
| UHF | | | | | |
| RFU-500 | UHF Solder Plug; PL-259 | S | N | S | Dap |
| RFU-501 | UHF Solder Plug; PL-259 | S | S | S | T |
| RFU-503 | UHF Male, Waterproof Plug (w/ Silicon Rubber O-Rings / Seals); PL-259 | N | N | S | T |
| RFU-507 | UHF Male Crimp Plug | N | N | S | Dap |
| RFU-507-S | UHF Male Crimp Plug | S | S | S | Dap |
| RFU-507-ST | UHF Male Crimp Plug | S | S | S | T |
| RFU-520-1E | UHF Female Cable Clamp Jack | N | --- | S | T |
| MHV | | | | | |
| RHV-100-E | Medium High Voltage Male Clamp Plug | N | N | G | T |

Antenna Specialists Pro-flex 800, K-214

| PART NUMBER | DESCRIPTION | BODY | SHELL | P/C | DIE |
|-----------------|---|------|-------|-----|-----|
| BNC | | | | | |
| RFB-1101-1P | BNC Male Clamp Plug | N | N | S | T |
| RFB-1107-1P | BNC Male Crimp Plug | N | N | G | D |
| RFB-1110-P | BNC Male Right Angle Crimp Plug | N | N | G | T |
| RFB-1124-1P | BNC Female Crimp Jack | N | --- | G | D |
| N | | | | | |
| RFN-1001-S | N Male Solder Plug | S | S | G | T |
| RFN-1004-1SP | N Male Clamp Plug | S | S | G | T |
| RFN-1007-2SP | N Male Crimp Plug | S | S | G | T |
| RFN-1009-P | N Male Right Angle Crimp Plug | N | N | G | T |
| RFN-1026-1P | N Female Clamp Jack | S | --- | G | T |
| RFN-1029-SP | N Female Crimp Jack | S | --- | G | T |
| TNC | | | | | |
| RFT-1201-1P | TNC Male Clamp Plug | N | N | G | T |
| RFT-1203-1P | TNC Male Crimp Plug | N | N | G | D |
| RFT-1213-P | TNC Female Crimp Rear Mount Bulkhead Jack | N | --- | S | D |
| RFT-1217-P | TNC Female Crimp Jack | N | --- | G | D |
| UHF | | | | | |
| RFU-500 | UHF Male Solder Plug | S | N | S | Dap |
| RFU-501 | UHF Male Solder Plug | S | S | S | T |
| RFU-508-P | UHF Male Crimp Plug | N | N | S | Dap |
| RFU-531 | Adapter/Reducer; Use with RFU-500 | N | N | --- | --- |
| RFU-531-S | Adapter/Reducer; Use with RFU-501 | --- | S | --- | --- |
| RFU-531-Z* | Adapter/Reducer; Use with RFU-501 | --- | S | --- | --- |
| Mini-UHF | | | | | |
| RFU-600-1P | Mini-UHF Male Crimp Plug | N | N | G | D |
| RFU-601-1P | Mini-UHF Female Crimp Jack | N | --- | S | D |

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| | SMA | | | | |
|-------------------|-----------------------|---|-----|---|---|
| RSA-3000-P | SMA Male Crimp Plug | N | N | G | T |
| RSA-3050-P | SMA Female Crimp Jack | N | --- | G | T |

Connectors for any Antenna Specialists coaxial cable are available through special order.

Cable assemblies using any Antenna Specialists cable with any standard RF connector listed here are available in any specified length with short lead times. All flexible crimp cable assemblies are fabricated with soldered center contacts and adhesive lined shrink tubing for additional cable retention and strain relief.

More cable to connector cross references are available which include: Alpha, Antenna Specialist, BICCGeneral, Belden, Carol, Comm/Scope, Cushcraft Ultralink, CCI/Intercomp, Daburn, Dearborn, General/Guardian, GEPCO, Harbour Industries, Haverhill, Manhattan CDT, Micro-Coax, Military, National, Remece, Saxton, Standard Wire, Thermax CDT, Times Microwave, WestPenn CDT.

Regarding any requirement you may have, please contact RF Industries at the following address:

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