

# BNC/TNC CONNECTORS — AVIONICS CONNECTORS

## COAXIAL CABLE



**RG 400** - Standard cable for radio installations. Double shielded stranded conductor, MIL-DTL-17 spec. Approved for certified aircraft. P/N 11-09202

**RG 142** - Double shielded solid conductor, MIL-C-17 spec. Approved for certified aircraft. P/N 11-00043

**RG 58A/U** - Standard cable for experimental avionics installations. Single shielded stranded conductor, jacket type - PVC. For experimental aircraft only. P/N 11-03920

**RG 58C/U** - Standard cable for experimental avionics installations. Single shielded stranded conductor, jacket type - Non-PVC. For experimental aircraft only. P/N 11-04258



**RF CONNECTOR STRAIGHT CRIMP PLUG FOR RG-142 RG-400 50 OHM**  
RF Connector M39012/26-0503 TNC Straight Crimp Plug for RG-142 RG-400 50 OHM .....P/N 11-19339



**BNC COAXIAL ANTENNA CONNECTORS**  
Male .....P/N 11-03992  
Female .....P/N 11-03993



**SMA COAX CONNECTOR**  
SMA straight PCB Jack, through hole, 50 Ohm, reverse polarized. For use with Coax Cable RG400 .....P/N 11-14064



**TNC FEMALE CRIMP RG142** .....P/N 11-08641



**BNC CONNECTOR RIGHT ANGLE BNC MALE TO FEMALE**  
Male to Female .....P/N 11-04454



**BNC FEMALE TO C MALE ADAPTER - PE9087**  
Has a female to male gender configuration. BNC female to type C male adapter operates to 4 GHz. The RF adapter provides good VSWR of 1.3:1 maximum .....P/N 11-18318



**MALE BNC TO SMA FEMALE ADAPTER**  
Configuration: Straight Connector 1: BNC Male. Connector 2: SMA Female .....P/N 11-10463



**BNC FEMALE BULKHEAD DUAL CRIMP RG58** .....P/N 11-04445



**BNC STRAIGHT ADAPTERS - PLUG/PLUG 50 OHMS**  
RF/Coaxial Adapter. Dimensions: a 1.25"; b .562". Connector Type: Intra-Series Coaxial. Convert From: BNC Plug. Convert To: BNC Plug .....P/N 11-08416



**BNC STRAIGHT ADAPTERS - JACK/JACK 50 OHM**  
RF/Coaxial Adapter. Connector Type: Intra-Series Coaxial. Convert From: BNC Jack. Convert To: BNC Jack .....P/N 11-08417



**TNC CONNECTOR AMP MALE, DUAL CRIMPS**  
Dual Crimp RG58 .....P/N 11-04446  
Dual Crimp RG142-400 .....P/N 11-04447



**TNC CONNECTOR AMP RIGHT ANGLE, MALE, DUAL CRIMP RG58** .....P/N 11-04449



**TNC CONNECTOR RIGHT ANGLE SOLDER/ SCREW RG58** .....P/N 11-04452



**TE MATE-N-LOK MALE PIN**  
PIN/Male, 250V, MATE-N-LOK series. Brass material. For use with 24-18 gauge wire. ROHS compliant. P/N 11-16605



**TE MATE-N-LOK 3 PIN CONNECTOR**  
PIN/Male, 3 pin series .....P/N 11-16607



**RF BNC MALE RIGHT ANGLE CRIMP PLUG**  
RF Connectors / Coaxial Connectors - BNC Right Angle Crimp Plug RG 400 - 142 for RG-55, RG-142, and RG-223 has a 50 Ohms P/N 11-17167



**RF FEMALE TNC STRAIGHT CRIMP JACK**  
Amphenol RF Female TNC - 122373 - Straight Crimp Jack for RG-55, RG-223, 50 Ohm .....P/N 11-17224



**RF TNC STRAIGHT CRIMP JACK**  
Amphenol RF TNC Straight Crimp Jack - 122122 for RG-58 LMR-195 - 50 Ohms .....P/N 11-17225



**D-SUB HIGH DENSITY 15 PIN 3 ROW CONNECTOR** .....P/N 11-16005



**BNC RIGHT ANGLE CRIMP PLUG FOR RG 58**  
RF Connector - BNC Right Angle Crimp Plug for RG-58 LMR-195 50 Ohms .....P/N 11-17888



**TE MATE-N-LOK 3 CIRCUIT POSITION POWER CONNECTOR**  
3 Circuit Mate-N-Lok Plug .....P/N 11-18450

## CPC CONNECTOR KITS



P/N 11-14011

The Sealed CPC using UL F1-rated resin is ideal for UV resistance in outdoor applications. The UL F1 rating meets industry standards for long-term UV exposure, making

the housings suitable for outside applications where parts are subject to frequent or extended periods of exposure to sun light. The CPC is sealed from water exposure, making it easier to install and lowering the cost of installation. The circular configuration requires less space than a rectangular-style connector with an equal number of contacts for an efficient use of space on your equipment.

Receptacle and plug housings accept Type III+ signal contacts and/or AMP POWERBAND (size 8) contacts. The housings come in three series designed to handle standard signal, power with current up to 50A per contact and combinations of signal and power in the same housing. All housing variations include sealing to IP67. Mounting options include panel mount and free-hanging.

Description	Part No.	Price
8 Pin CPC Free Hang Male Base	11-14010	---
8 Pin CPC Free Hang Female Base	11-14011	---
8 Pin CPC Bulk Head Male Base	11-13999	---
8 Pin CPC Bulk Head Female Base	11-14001	---
9 Pin CPC Free Hang Male Base	11-14005	---
9 Pin CPC Bulk Head Male Base	11-14003	---
28 Pin CPC Free Hang Male Base	11-14006	---
28 Pin CPC Free Hang Female Base	11-14007	---
28 Pin CPC Bulk Head Male Base	11-14008	---
28 Pin CPC Bulk Head Female Base	11-14009	---

## SPT FIREWALL CABLE GROMMET MOUNTS



Superior Panel Technology's Firewall Penetration Kit (Cable Grommet Mount) allows you to make a rectangular opening large enough to pass a plug measuring 1.25" x 2.9" (which will accept the largest sized plug used for installing the Garmin G3X - GEA24 engine sensors LRU plugs). The opening is then sealed with the 1/8" thick, center-stepped, stainless-steel cover plates.

Description	ID	OD	Panel Hole	Part No.	Price
Grommet Id Size 3/16"	3/16"	7/16"	5/16"	11-13459	---
Grommet Id Size 5/16"	5/16"	13/16"	9/16"	11-13460	---
Grommet Id Size 3/8"	3/8"	7/8"	5/8"	11-13461	---

## PROTECT-FAST BRAIDED EXPANDABLE WRAP



Protect-Fast™ AERO Braided PFA-PFW Sleeve is an efficient 'slip-over' solution allowing for easy installation of wires or bundles of cables' entire run. Flame spread is a vital safety consideration in applications such as home built aircraft wiring and/or retrofitting new avionics. Self-extinguishing Protect-Fast PFA-PFW material is FAR25 approved, fully complies with UL standard VW-1. The addition of an organic flame inhibitor to our triaxially braided PFW split sleeving provides the perfect solution to a wide range of cable management needs. Protect-Fast is a tough, lightweight method used to contain and protect cable assemblies, hoses and wire harnesses from abrasion and cutting. Solvent resistant with a temperature rating from -75°C to 125°C (-103°F to 257°F). Provides 150% Expansion Sleeve with 25% Overlap Wrap.

Nominal (Inch)	Feet (per Roll)	Part No	Price	Feet (per Roll)	Part No	Price
1/8	100	05-12884	---	400	05-12892	---
1/4	100	05-12885	---	200	05-12893	---
1/2	75	05-12886	---	150	05-12894	---
3/4	50	05-12887	---	100	05-12895	---
1	50	05-12888	---	100	05-12896	---
1-1/4	75	05-12889	---	75	05-15257	---
1-1/2	25	05-12890	---	75	05-12898	---
2	25	05-12891	---	50	05-12899	---

## PROTECT-FAST INSTALLATION TOOLS

Sleeve	Part No.	Price
1/4"	05-12900	---
1/2"	05-12901	---
3/4"	05-12902	---

Sleeve	Part No.	Price
1"	05-12903	---
1-1/2"	05-12904	---

## VISHAY DALE RESISTOR - METAL FILM



Vishay Dale Resistor 15 OHMS Metal Film.  
Note: For Garmin G5 Certified Aircraft.  
15 OHMS .....P/N 11-17265  
120 OHMS .....P/N 11-17470

