



Connectivity Solutions



Complete or Partial Part #,
Competitor Part # or
Keywords.

Wireless

CATV

Audio & Video

Networking &
Structured Wiring

Military & Aerospace

Test & Measurement

Home

Member Access

Products

Connectors

Microwave Components

CATV Components

Coaxial Cable Assemblies

Structured Cabling & Connectors

Tools & Accessories

Customer Service

Request For Quote

Representatives

Distributors

Literature/Catalog Request

What's New

About Our Brands

Legal Terms

© 2007 All Rights Reserved

Product Detail



| | |
|-----------------------------|---|
| Product Line: | Aim (Click for customer service) |
| Part Number: | 27-9119 |
| Description: | BNC MALE 3 PC CRIMP FOR BELDEN 89907 |
| Product Family: | CONNECTORS & ADAPTERS_BNC - 50 OHM_3 PIECE CONNECTORS |
| Genders: | Male |
| Ohm: | 50 |
| Standard Pack: | 10 |
| Connector A: | BNC |
| Contact Termination: | Crimp |
| For Cables: | Belden 89907 |
| RoHS Compliant: | Yes |

20070523-1523



We have been offering a complete line of quality RF connectors for over 25 years. Available in 50 and 75 ohm versions, these connectors are designed to offer the highest quality data transmission for audio, video and data applications, and are available in BNC, 'N' UHF, Mini-UHF, TNC, SMA and 'F' versions. If you are looking for preassembled RF cables, our custom cable department offers the capability to build any assembled or molded cable to your custom length or configuration using any of these connectors and more.

75 Ohm BNC Connectors

Electrical Characteristics

| | |
|---------------------------------|---|
| Impedance | 75 Ohm |
| Working voltage | 500 volts, RMS at sea level |
| Frequency range | 0-2 GHz with low reflection |
| Contact resistance | Outer-0.2 milliohms Center-2.1 milliohms |
| (.000050 gold) | |
| Insulation resistance | 5,000 megohms minimum |
| Dielectric withstanding voltage | 1,500 volts, RMS at sea level |
| Corona Level | 375 volts minimum at 70,000 ft. |

Environmental Characteristics

| | |
|-------------------------------|---------------------|
| Recommended temperature range | -55 C to +85 C |
| Vibration | MIL-Std. 202 |
| Shock | MIL-Std. 202, 100Gs |
| Moisture resistance | MIL-Std. 202 |

Mechanical Characteristics

| | |
|---------------------------|---|
| Durability | 500 Cycles (.000050 gold) |
| Force to engage/disengage | 3 lbs. maximum |
| Coupling nut retention | 60 lbs. maximum |
| Cable retention | 60 lbs. with 95% braid coverage - RG58c/u cable |

Materials

| | |
|---------------|---------------------------------|
| Body | Zinc |
| Contact | Brass |
| Spring washer | Berilium copper |
| Insulator | Teflon |
| Plating | Body - Nickel Contact - Gold |

Crimp-On 75 Ohm 3-Piece BNC Connectors



Crimp BNC (M)
3 Piece

| Part No. | Compatible Cable | Crimper | Stripper |
|---------------------|-------------------------------------|----------|----------|
| 28-91007 (CPMC782) | Belden 1505A, RG-59, RG-62 | 24-9959P | 24-7732P |
| 28-91027 (CPMC785) | Belden RG-6 | 24-8856P | 24-7733P |
| 28-91037 (CPMC7810) | Belden 1506A, RG-59TFE & RG-62TFE | 24-9958P | 24-7733P |
| 28-91047 (CPMC783) | Belden 8281, 9141, 9231 | 24-8859P | 24-7733P |
| 28-91057 (CPMC7818) | Belden 8218, 1855A, 735A | 24-9912P | 24-7734P |
| 28-91457 | Belden 9248, 1694A | 24-8856P | 24-7733P |
| 28-91477 | Belden 8221, 8241, 8263, 8279, 9244 | 24-8789P | 24-7736P |
| 28-91507 | Belden 82259, 89259 | 24-8789P | 24-7736P |
| CPMC7820 | RG-179, RG-187 | 24-9912P | 24-7733P |



Solder or Crimp BNC (M)
3 Piece

| Part No. | Cable Type | Tool No. |
|----------|---------------|----------|
| 28-90237 | RG-59 & 62 | 24-8789P |
| 28-90257 | RG-59 & 62TFE | 24-9958P |

(M) = Male Plug (F) = Female Socket

2-Piece Crimp-On 50 Ohm BNC Connectors



Crimp BNC (M)
2 Piece, Solderless

| Part No. | Cable Type | Tool No. |
|------------------|----------------------------|----------|
| 27-9000 (CP882) | RG-59, 62 | 24-9859P |
| 27-9001 (CP881) | RG-58 | 24-9858P |
| 27-9002 (CP885) | RG-6 | 24-321P |
| 27-9006 | Belden 8281 | 24-8866P |
| 27-9009 (CP8810) | RG-59, 62TFE | 24-9858P |
| 27-9200 | RG-58AU | 24-9858P |
| 27-9204 | RG-58TFE | 24-9858P |
| 27-9207 | RG-58 Thin Net | 24-9858P |
| 27-9209 | RG-6TFE | 24-9858P |
| 27-9210 (CP884) | RG-59, 62 MATV (20-24 AWG) | 24-9859P |



Crimp BNC (F)
2 Piece, UG-89

| Part No. | Cable Type | Tool No. |
|-----------------|---------------|----------|
| 27-9003 (CP892) | RG-59 & 62 | 24-9859P |
| 27-9013 | RG-6 | 24-9859P |
| 27-9014 (CP891) | RG-58 | 24-9858P |
| 27-9015 | RG-59 & 62TFE | 24-9858P |



Crimp BNC (M) with (2) Ferrules,
2 Piece. One Connector Two **Ferrules** to fit Multiple Size Cables.

| Part No. | Cable Type | Tool No. |
|----------|-------------------|----------|
| 27-9010 | RG-58, 59 & 59TFE | 24-9960P |
| 27-9012 | RG-58 & 58TFE | 24-9960P |



Right Angle, Crimp BNC (M)
2 Piece, Solderless

| Part No. | Cable Type | Tool No. |
|----------|------------|----------|
| 27-9004 | RG-59 & 62 | 24-9859P |

3-Piece Crimp-On 50 Ohm BNC Connectors



Solder or Crimp BNC (M)
3 Piece

| Part No. | Cable Type | Tool No. |
|----------|------------|----------|
| 27-9022 | RG-58 | 24-9858P |
| 27-9023 | RG-59 & 62 | 24-8789P |



Crimp BNC (M) with (2) Ferrules
3 Piece. One Connector Two **Ferrules** to fit Multiple Size Cables.

| Part No. | Cable Type | Tool No. |
|--------------------|---------------|----------|
| 27-9189 (CPMC8821) | RG-59 & 59TFE | 24-8860P |
| 27-9190 (CPMC8822) | RG-58 & 59 | 24-8860P |
| 27-9191 (CPMC8823) | RG-58 & 58TFE | 24-8860P |



Crimp BNC (M)
3 Piece, Commercial-Mil

| Part No. | Cable Type | Tool No. |
|--------------------|-----------------------------|----------|
| 27-9100 (CPMC882) | RG-59 & 62, 140, 210 | 24-9959P |
| 27-9101 (CPMC881) | RG-58, 141 | 24-9958P |
| 27-9102 (CPMC885) | RG-6 | 24-8856P |
| 27-9103 (CPMC8810) | RG-59 & 62 Teflon | 24-9958P |
| 27-9104 (CPMC883) | Belden 8281 | 24-8861P |
| 27-9105 (CPMC8819) | RG-174, 187, 188 & 316 | 24-9912P |
| 27-9108 (CPMC8817) | RG-8x Mini 8 | 24-9912P |
| 27-9119 | Belden 89907 | 24-9959P |
| 27-9201 | RG-58 AU | 24-9958P |
| 27-9205 (CPMC8811) | RG-58 Teflon | 24-9958P |
| 27-9208 | RG-58 Thin Net, Belden 9907 | 24-9958P |
| 27-9235 | RG-122 | 24-9912P |
| 27-9236 (CPMC813) | RG-142, 400, 223 | 24-9958P |
| 27-9241 | RG-179 | 24-9912P |
| 27-9254 (CPMC8818) | Belden 8218 | 24-9912P |
| 27-9293 (CPMC8826) | RG-11 | 24-7712P |

6-Piece Screw-On 50 Ohm BNC Connectors



Screw-On BNC (M)
Solder, 6 Piece

| Part No. | Cable Type |
|----------|---------------------|
| 27-9020 | RG-59, 62 (UG-260U) |
| 27-9021 | RG-58 (UG-88U) |

(M) = Male Plug (F) = Female Socket