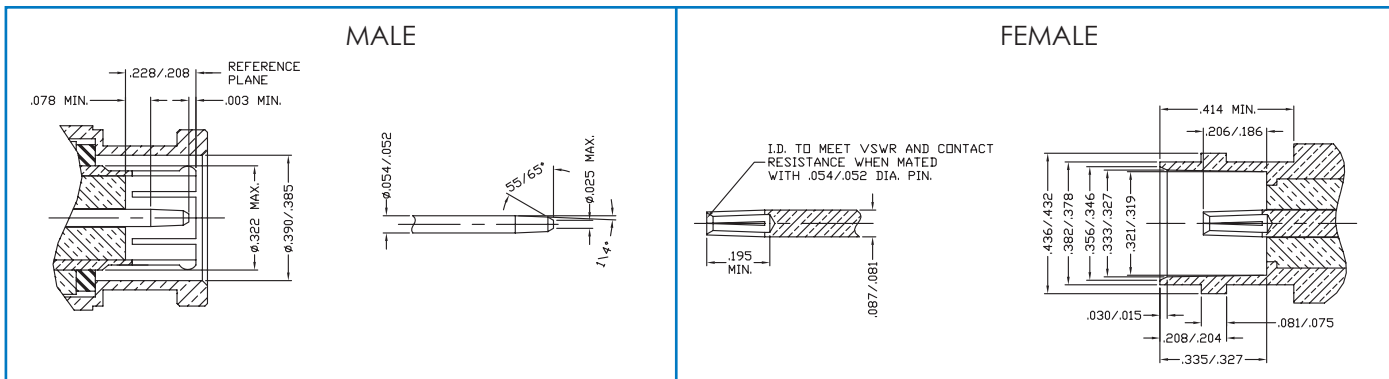


# BNC — 75 OHM



| SPECIFICATIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CABLE GROUPS                                 |                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ELECTRICAL SPECIFICATIONS</b><br>IMPEDANCE: 75 $\Omega$<br>WORKING VOLTAGE RATING: 500 VRMS<br>FREQUENCY RANGE: 0-2 GHz<br><br><b>MECHANICAL SPECIFICATIONS</b><br>MATING: 2-STUD BAYONET LOCK COUPLING<br>INTERFACE: MIL-STD-348<br>CABLING: CLAMP, CRIMP, COMPRESSION AND TWIST-ON<br><br><b>PLATING</b><br>G - GOLD<br>N - NICKEL<br>S - SILVER<br>TP - THERMOPLASTIC<br><br><b>DIELECTRIC MATERIAL</b><br>D - DELRIN<br>P - POLYPROPYLENE<br>T - PTFE<br>TP - THERMOPLASTIC | GRP                                          | FOR THESE CABLE TYPES                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | D                                            | RG-59, 59A, 59B, 62, 62A, 62C/U; ALPHA 9059, 9062, 9830, 9840, 9845; BELDEN 8221, 8241, 9169, 9204, 9228; CANARE LV-61S; COMMScope 5550, 5555, 5560, 5563 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | D1                                           | BELDEN 1426A, 1505A, 8212, 8241F, 9100, 9110, 9165, 9171, 9240, 9259, 9265, 9274, 9275, 9659, YR2393D; COMMScope 5553, 5565, 5552, 5550, 5567, 5571       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | D2                                           | BELDEN 8279, 8279A, 9209, 9209A, 82241, 88241; COMMScope 2041K, 7573                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | D3                                           | RG-59/U TYPE; BELDEN 1506A, 1825A, 1826A, 82108, 89108, 89259; COMMScope 2045, 2045V, 2065V                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | G                                            | ALPHA 9807, 9808, 9813; BELDEN 8281, 9141, 9231, 88281; COMMScope 2527K, 7501, 7503, 7505, 7506; CANARE LV-775; WESTERN ELECTRIC WE724, WE728, WE729      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | J                                            | BELDEN 1164A, 1164B, 1167B, 1263A, 1406B, 1407B, 1417B, 1818B, 1865A, 8218; COMMScope 7537, 753603, 753604, 753605; RAYCHEM EPD 0810                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | K                                            | COMMScope 735, 73501, 73501P                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Q                                            | RG-6/U TYPE; BELDEN 1694A, 9248; COMMScope 5715, 5729, 5765                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Q1                                           | RG-6/U TYPE PLENUM; BELDEN 1695A, 82120, 82248, 87120, 89120, 89248; COMMScope 2278, 2278V, 2279, 2279K, 2279V                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | R                                            | RG-11/U TYPE; BELDEN 8213, 8238, 8261, 9011, 9292; COMMScope 3247, 5901, 5903, 5908, 5909, 5916, 5916R, 5918                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S                                            | RG-161, 179, 179A, 187, 187A/U; BELDEN 1520A, 1521A, 1522A, 9221; COMMScope 15-55340                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FOR A MORE EXTENSIVE LISTING OF CABLE GROUPS |                                                                                                                                                           |



PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

| PART #     | FIG | DESCRIPTION       | CBL GRP | NOTES                        | REPLACES OR EQUIVALENT TO  | PLATING |     |     | RECOMMENDED TOOL |
|------------|-----|-------------------|---------|------------------------------|----------------------------|---------|-----|-----|------------------|
|            |     |                   |         |                              |                            | BDY     | P/C | DIE |                  |
| RFB-1701-D | 1   | Male Clamp        | D       | for RG-59/U                  | Huber Suhner 11 BNC-75-4-2 | N       | G   | T   |                  |
| RFB-1701-G | 1   | Male Solder Clamp | G       | Belden 8281                  |                            | N       | S   | T   |                  |
| RFB-1705   | 2   | Male Twist-On     | D       | for RG-59/U                  |                            | N       | G   | D   |                  |
| RFB-1706-9 | 3   | Male Crimp        | D       | Quick Disconnect for RG-59/U |                            | N       | G   | D   | RFA-4009-203     |



FIG. 4  
RFB-1707-D



FIG. 5  
RFB-1707-2, -D2, -D3, -G, -J,  
-K, -Q, QQ, -Q1, -S, S1  
RFB-1708, -1T



FIG. 6  
RFB-1707-R, R1



FIG. 7  
RFB-1709-D



FIG. 8  
RFB-1710-D



FIG. 9  
RFB-1710-K,



FIG. 10  
RFB-1710-Q



FIG. 11  
RFB-1710-S, -S1

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

| PART #                      | FIG | DESCRIPTION            | CBL<br>GRP                                | NOTES                                | REPLACES OR<br>EQUIVALENT TO | PLATING |     |     | RECOM-<br>MENDED<br>TOOL     |
|-----------------------------|-----|------------------------|-------------------------------------------|--------------------------------------|------------------------------|---------|-----|-----|------------------------------|
|                             |     |                        |                                           |                                      |                              | BDY     | P/C | DIE |                              |
| <a href="#">RFB-1707-2</a>  | 5   | Male Crimp             | <a href="#">D</a> ,<br><a href="#">D1</a> | for RG-59/U                          | UG-1789/U                    | N       | G   | D   | <a href="#">RFA-4009-203</a> |
| <a href="#">RFB-1707-D</a>  | 4   | Male Crimp             | <a href="#">D</a> ,<br><a href="#">D1</a> | for RG-59/U , Belden 1505A &<br>8212 | UG-1789/U, Kings 2025-59-9   | N       | G   | T   | <a href="#">RFA-4009-203</a> |
| <a href="#">RFB-1707-D2</a> | 5   | Male Crimp             | <a href="#">D2</a>                        | for Belden 8279                      | Kings 2025-38-9              | N       | G   | T   | <a href="#">RFA-4009-203</a> |
| <a href="#">RFB-1707-D3</a> | 5   | Male Crimp             | <a href="#">D3</a>                        | for RG-59/U Type & Belden 1506A      | Kings 2025-53-9              | N       | G   | T   | <a href="#">RFA-4009-203</a> |
| <a href="#">RFB-1707-G</a>  | 5   | Male Crimp             | <a href="#">G</a>                         | for Belden 8281                      | Kings 2025-55-9              | N       | G   | T   | <a href="#">RFA-4005-308</a> |
| <a href="#">RFB-1707-J</a>  | 5   | Male Crimp             | <a href="#">J</a>                         | for Belden 1164A & Belden 8218       | Kings 2025-47-9              | N       | G   | T   | <a href="#">RFA-4005-307</a> |
| <a href="#">RFB-1707-K</a>  | 5   | Male Crimp             | <a href="#">K</a>                         | for CommScope 735                    | Kings 2025-44-9              | N       | G   | T   | <a href="#">RFA-4005-307</a> |
| <a href="#">RFB-1707-Q</a>  | 5   | Male Crimp             | <a href="#">Q</a>                         | for RG-6/U                           | Kings 2025-79-9              | N       | G   | T   | <a href="#">RFA-4005-308</a> |
| <a href="#">RFB-1707-Q1</a> | 5   | Male Crimp             | <a href="#">Q1</a>                        | for RG-6/U Type Plenum               | Kings 2025-89-9              | N       | G   | T   | <a href="#">RFA-4005-308</a> |
| <a href="#">RFB-1707-QQ</a> | 5   | Male Crimp             |                                           | for RG-59/U and RG-62/U              |                              |         |     |     | <a href="#">RFA-4009-203</a> |
| <a href="#">RFB-1707-R</a>  | 6   | Male Crimp             | <a href="#">R</a>                         | for RG-11/U                          | Huber Suhner 11 BNC-75-7-5   | N       | G   | T   | <a href="#">RFA-4009-205</a> |
| <a href="#">RFB-1707-R1</a> | 6   | Male Crimp             | <a href="#">R1</a>                        | for RG-11/U Type & Belden 8238       |                              | N       | G   | T   | <a href="#">RFA-4009-205</a> |
| <a href="#">RFB-1707-S</a>  | 5   | Male Crimp             | <a href="#">S</a>                         | for RG-179/U                         | Kings 2025-57-9              | N       | G   | T   | <a href="#">RFA-4005-307</a> |
| <a href="#">RFB-1707-S1</a> | 5   | Male Crimp             | <a href="#">S1</a>                        | for RG-179 Double Shield             |                              | N       | G   | T   | <a href="#">RFA-4005-307</a> |
| <a href="#">RFB-1708</a>    | 5   | Male Crimp             | <a href="#">G</a>                         | for Belden 8281                      | Kings 2025-58-9              | N       | G   | D   | <a href="#">RFA-4005-308</a> |
| <a href="#">RFB-1708-1T</a> | 5   | Male Crimp             | <a href="#">G</a>                         | for Belden 8281                      | Kings 2025-58-9              | S       | G   | T   | <a href="#">RFA-4005-308</a> |
| <a href="#">RFB-1709-D</a>  | 7   | Male Right Angle Clamp | <a href="#">D</a>                         | for RG-59/U                          | Huber Suhner 16 BNC-75-4-2   | N       | G   | T   |                              |
| <a href="#">RFB-1710-D</a>  | 8   | Male Right Angle Crimp | <a href="#">D</a>                         | for RG-59/U                          | Amphenol 31-71010            | N       | G   | T   | <a href="#">RFA-4009-203</a> |
| <a href="#">RFB-1710-K</a>  | 9   | Male Right Angle Crimp | <a href="#">K</a>                         | for CommScope 735                    | Kings 2026-17-9              | N       | G   | T   | <a href="#">RFA-4005-305</a> |
| <a href="#">RFB-1710-Q</a>  | 10  | Male Right Angle Crimp | <a href="#">Q</a>                         | for RG-6/U                           |                              | N       | G   | T   | <a href="#">RFA-4005-308</a> |
| <a href="#">RFB-1710-S</a>  | 11  | Male Right Angle Crimp | <a href="#">S</a>                         | for RG-179/U                         | Huber Suhner 16 BNC-75-2-3   | N       | G   | T   | <a href="#">RFA-4005-307</a> |
| <a href="#">RFB-1710-S1</a> | 11  | Male Right Angle Crimp | <a href="#">S1</a>                        | for RG-179/U Double Shield           |                              | N       | G   | T   | <a href="#">RFA-4005-307</a> |

# BNC — 75 OHM

BNC - 75 Ohm



FIG. 12  
RFB-1712-W



FIG. 13  
RFB-1715-6



FIG. 14  
RFB-1715-11



FIG. 15  
RFB-176



FIG. 16  
RFB-1716-I



FIG. 17  
RFB-1717, D1-03, -Q, -S



FIG. 18  
RFB-1720



FIG. 19  
RFB-1722



FIG. 20  
RFB-1724, -K, D3, -Q, -S, S1



FIG. 21  
RFB-1730

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

| PART #                         | FIG | DESCRIPTION                                | CBL<br>GRP         | NOTES                                                             | REPLACES OR<br>EQUIVALENT TO | PLATING |     |     | RECOM-<br>MENDED<br>TOOL     |
|--------------------------------|-----|--------------------------------------------|--------------------|-------------------------------------------------------------------|------------------------------|---------|-----|-----|------------------------------|
|                                |     |                                            |                    |                                                                   |                              | BDY     | P/C | DIE |                              |
| <a href="#">RFB-1712-W</a>     | 12  | Female Right Angle<br>Lo-Profile PCB Mount |                    | with Post Legs, White                                             | Amphenol 31-71052            | N/TP    | G   | PP  |                              |
| <a href="#">RFB-1715-6</a>     | 13  | Female Right Angle PCB Mount               |                    | Diecast Zinc                                                      |                              | N       | G   | T   |                              |
| <a href="#">RFB-1715-11</a>    | 14  | Female Vertical PCB Mount                  |                    | 4 Legs on .400" Centers                                           | Huber Suhner 82 BNC-75-0-2   | N       | G   | T   |                              |
| <a href="#">RFB-1716</a>       | 15  | Female Bulkhead                            |                    | Front Mount with D-Flat, Diecast<br>Zinc                          | Amphenol 31-71004            | N       | G   | D   |                              |
| <a href="#">RFB-1716-I</a>     | 16  | Female Bulkhead                            |                    | Front Mount with D-Flat, Insulated                                | Amphenol 31-10-75            | N       | G   | TP  |                              |
| <a href="#">RFB-1717</a>       | 17  | Female Crimp Bulkhead                      | <a href="#">D</a>  | Rear Mount with D-Flat & O-Ring,<br>for RG-59/U                   | Amphenol 31-71011-RFX        | N       | G   | D   | <a href="#">RFA-4009-203</a> |
| <a href="#">RFB-1717-D1-03</a> | 17  | Female Crimp Bulkhead                      | <a href="#">D1</a> | for Belden 8212                                                   |                              | N       | G   | D   | <a href="#">RFA-4009-203</a> |
| <a href="#">RFB-1717-Q</a>     | 17  | Female Crimp Bulkhead                      | <a href="#">Q</a>  | Rear Mount with D-Flat & O-Ring,<br>for RG-6/U                    | Kings 2022-29-9              | N       | G   | T   | <a href="#">RFA-4005-308</a> |
| <a href="#">RFB-1717-S</a>     | 17  | Female Crimp Bulkhead                      | <a href="#">S</a>  | Rear Mount with D-Flat & O-Ring,<br>Solder Only Pin, for RG-179/U | Amphenol 31-70016            | N       | G   | T   | <a href="#">RFA-4009-204</a> |
| <a href="#">RFB-1720</a>       | 18  | Female Solder Clamp                        | <a href="#">D</a>  | for RG-59/U                                                       | UG-261C/U                    | N       | S   | T   |                              |
| <a href="#">RFB-1722</a>       | 19  | Female Twist-On                            | <a href="#">D</a>  | for RG-59/U                                                       |                              | N       | S   | D   |                              |
| <a href="#">RFB-1724</a>       | 20  | Female Crimp                               | <a href="#">D</a>  | for RG-59/U                                                       |                              | N       | G   | D   | <a href="#">RFA-4009-203</a> |
| <a href="#">RFB-1724-D3</a>    | 20  | Female Crimp                               | <a href="#">D3</a> | for RG-59/U Plenum                                                |                              | N       | G   | D   | <a href="#">RFA-4009-203</a> |
| <a href="#">RFB-1724-K</a>     | 20  | Female Crimp                               | <a href="#">K</a>  | for CommScope 735                                                 |                              | N       | G   | T   | <a href="#">RFA-4005-307</a> |
| <a href="#">RFB-1724-Q</a>     | 20  | Female Crimp                               | <a href="#">Q</a>  | for RG-6/U                                                        |                              | N       | G   | T   | <a href="#">RFA-4005-308</a> |
| <a href="#">RFB-1724-S</a>     | 20  | Female Crimp                               | <a href="#">S</a>  | for RG-179/U                                                      | Amphenol 31-71014-RFX        | N       | G   | T   | <a href="#">RFA-4009-204</a> |
| <a href="#">RFB-1724-S1</a>    | 20  | Female Crimp                               | <a href="#">S1</a> | for RD-179/U                                                      |                              | N       | G   | T   | <a href="#">RFA-4009-204</a> |
| <a href="#">RFB-1730</a>       | 21  | <a href="#">T Adapter</a>                  |                    | BNC Male to Double BNC Female                                     | Amphenol 31-70036            | N       | G   | T   |                              |



FIG. 22  
RFB-1730-3, -4



FIG. 23  
RFB-1732



FIG. 24  
RFB-1733



FIG. 25  
RFB-1734, -2



FIG. 26  
RFB-1735, -1



FIG. 27  
RFB-1745



FIG. 28  
RFB-1750



FIG. 29  
RFB-1760

PHOTOS FOR REFERENCE ONLY, SHOWN AT 100% ACTUAL SIZE.

FOR MOUNTING CONFIGURATIONS

| PART #                     | FIG | DESCRIPTION                         | CBL<br>GRP        | NOTES                                                                               | REPLACES OR<br>EQUIVALENT TO | PLATING |     |     | RECOM-<br>MENDED<br>TOOL     |
|----------------------------|-----|-------------------------------------|-------------------|-------------------------------------------------------------------------------------|------------------------------|---------|-----|-----|------------------------------|
|                            |     |                                     |                   |                                                                                     |                              | BDY     | P/C | DIE |                              |
| <a href="#">RFB-1730-3</a> | 22  | <a href="#">F Adapter</a>           |                   | BNC Male to Double BNC Female                                                       |                              | N       | G   | D   |                              |
| <a href="#">RFB-1730-4</a> | 22  | <a href="#">F Adapter</a>           |                   | BNC Male to Double BNC Female<br>with internal 75 Ohm Resistors<br>(Video Splitter) |                              | N       | G   | D   |                              |
| <a href="#">RFB-1732</a>   | 23  | <a href="#">Right Angle Adapter</a> |                   | BNC Male to BNC Female                                                              | Amphenol 31-9-75             | N       | G   | T   |                              |
| <a href="#">RFB-1733</a>   | 24  | <a href="#">Barrel Adapter</a>      |                   | BNC Male to BNC Male                                                                | Amphenol 31-218-75           | N       | G   | T   |                              |
| <a href="#">RFB-1734</a>   | 25  | Barrel Adapter                      |                   | BNC Female to BNC Female                                                            | Amphenol 31-219-75           | N       | G   | T   |                              |
| <a href="#">RFB-1734-2</a> | 25  | Barrel Adapter                      |                   | BNC Female to BNC Female                                                            |                              | S       | G   | T   |                              |
| <a href="#">RFB-1735</a>   | 26  | Female Bulkhead Adapter             |                   | Double BNC Female with D-Flat<br>& O-Ring                                           | Amphenol 31-70020            | N       | G   | T   |                              |
| <a href="#">RFB-1735-1</a> | 26  | Female Bulkhead Adapter             |                   | Double BNC Female with D-Flat,<br>isolated                                          | Amphenol 31-4803-75          | N       | G   | T   |                              |
| <a href="#">RFB-1745</a>   | 27  | Straight Adapter                    |                   | BNC Female to 1/4x24 Stud, for<br>Kenwood TK240, TK340                              | Midland 70-1034              | N       | S   | T   |                              |
| <a href="#">RFB-1750</a>   | 28  | Male Termination                    |                   | 75 Ohm 1/2 Watt                                                                     |                              | N       | G   | D   |                              |
| <a href="#">RFB-1760</a>   | 29  | Female Crimp                        | <a href="#">D</a> | Wallplate Flush Mount for<br>RG-59/U                                                |                              | N       | G   | D   | <a href="#">RFA-4009-203</a> |