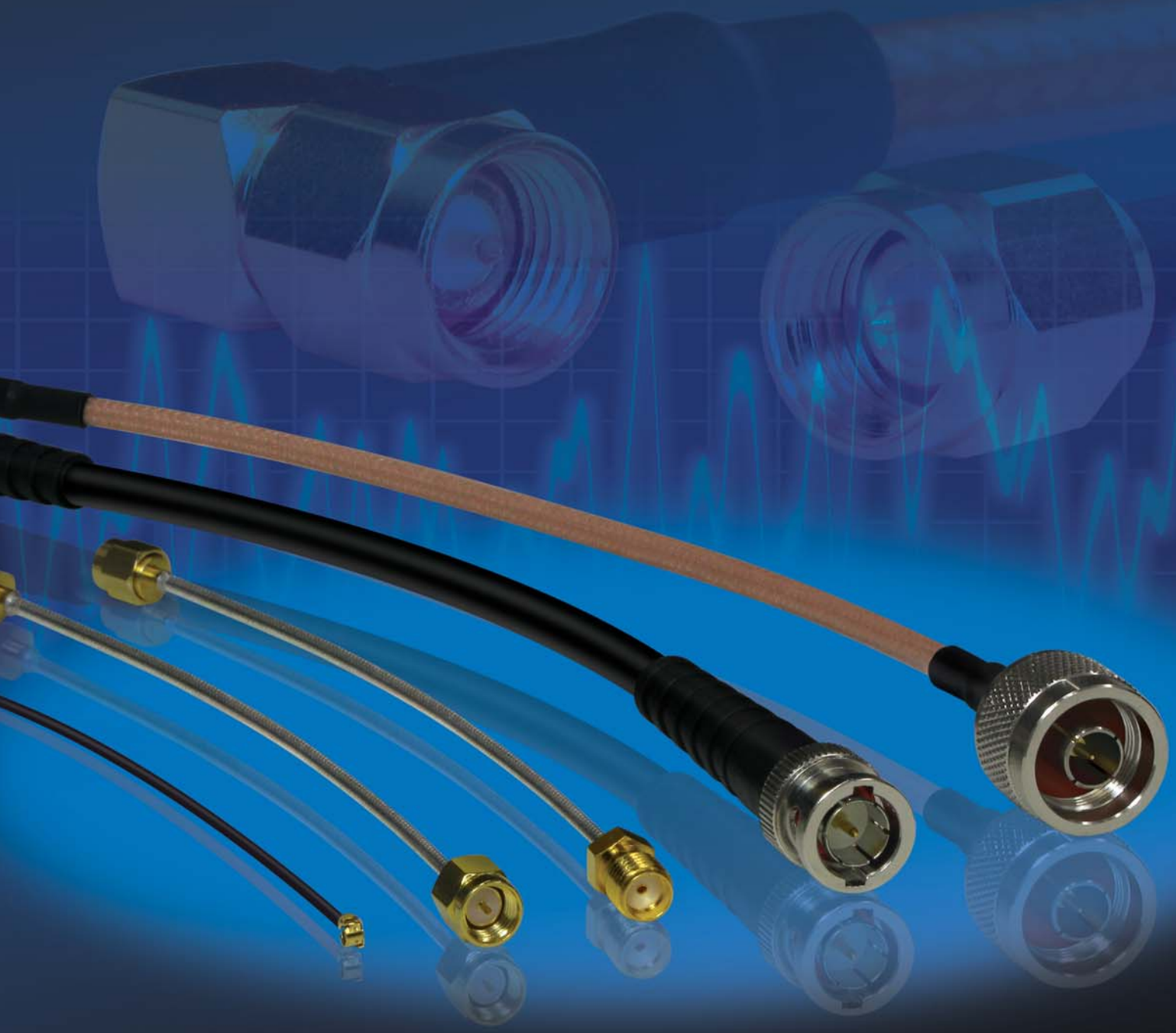
# Amphenol Connex

## Cable Assemblies



Cable Assemblies

**Amphenol Connex** offers a full line of pre-assembled, fixed-length cable assemblies. Fixed length assemblies are for use in a variety of commercial and industrial applications that require standard configurations or lengths. Cables are available with AMC, BNC, MMCX, MCX, SMA, SMB and other commercially available RF connector series. Connector styles include straight and right angle plugs, straight jacks, and bulkhead jacks in a variety of configurations. Cable types include miniature and standard flexible cables, and semi-rigid conformable (hand formable) cable. Additional options, not shown in this catalog, may be available. See the Amphenol Connex website for our latest offering.

***Benefits of using fixed length assemblies:***

- Lower cost than a custom solution
- Faster than a custom solution; many cables are available from distributor stock
- Guaranteed performance

*Don't see a configuration that works for you? Amphenol Connex also offers custom cable assemblies using standard RF cable and Amphenol Connex connectors. Common uses for custom cable assemblies include; non-standard lengths, special labeling, testing, or packaging requirements. Please contact us for additional information.*

## Amphenol Connex

5069 Maureen Lane, Unit B
Moorpark, CA 93021 USA
805.378.6464
800.942.6639
www.amphenolconnex.com

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## FIXED LENGTH CABLE ASSEMBLIES: Build your Cable Assembly in 4 easy steps.

**1** Select **series** from the list below:

| Series | Code |
|---|---|
| BNC | 115 |
| TNC | 125 |
| SMA | 135 |
| SMB | 145 |
| N | 175 |
| MCX | 255 |
| MMCX | 265 |
| AMC | 335 |

**2** Select **connector configuration**

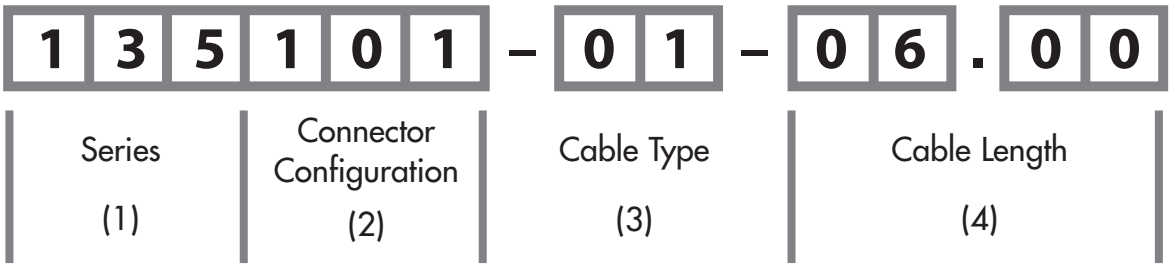
| Style | Code |
|---|---|
| Straight Plug to Straight Plug | 101 |
| Straight Plug to Right Angle Plug | 103 |
| Right Angle Plug to Right Angle Plug | 104 |
| Straight Plug to Straight Jack | 106 |
| Right Angle Plug to Straight Jack | 107 |
| Straight Jack to Straight Jack | 108 |
| Straight Plug to Bulkhead Jack | 110 |
| Right Angle Plug to Bulkhead Jack | 111 |
| Straight Jack to Bulkhead Jack | 112 |

**3** Select **cable type**

| Cable Type | Code |
|---|---|
| RG 316 | 01 |
| RG 174 | 02 |
| RG 316 Double Braid | 03 |
| RG 179 | 05 |
| B8218 | 06 |
| RG 142 | 07 |
| RG 178 | 08 |
| B1855A | 09 |
| LMR 400 | 10 |
| RG 223 | 11 |
| 1.13mm | 12 |
| 1.32mm | 13 |
| 1.37mm | 14 |
| LMR 200 | 17 |
| RG 179 DB | 18 |
| RG 58 | 19 |
| RG 59 | 20 |
| LMR 195 | 21 |
| LMR 240 | 22 |
| RG 400 | 25 |
| B1694A | 26 |
| .085 Conformable | R1 |
| .141 Conformable | R2 |
| .250 Conformable | R3 |

**4** Define **Cable Length** (Replace XX.XX with length), for example 06.00 = 6 inches. Standard Lengths are 6, 24, 36, and 48 inches, with some exceptions.

## Part Number Example:

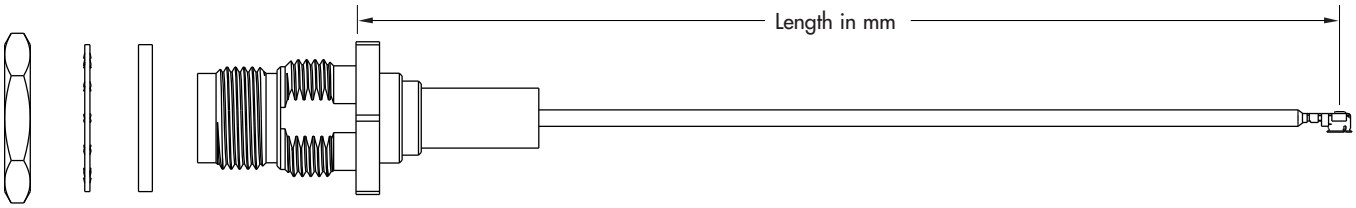



Additional options are available. See the Amphenol Connex website for our latest offering.

**Amphenol Connex AMC Between Series Cable Assemblies** utilize Amphenol Microcoaxial style connectors on miniature cable types. Due to their small size, AMC assemblies are perfect for applications where space is limited. AMC cable assemblies have a 50 ohm impedance; with a frequency range of DC up to 6 GHz. These assemblies feature a snap on interface and assembly length is dimensioned in millimeters. Standard lengths are 50, 100, 150, 200, 250, and 300 millimeters, custom lengths may also be available. Heat shrink representation may vary.

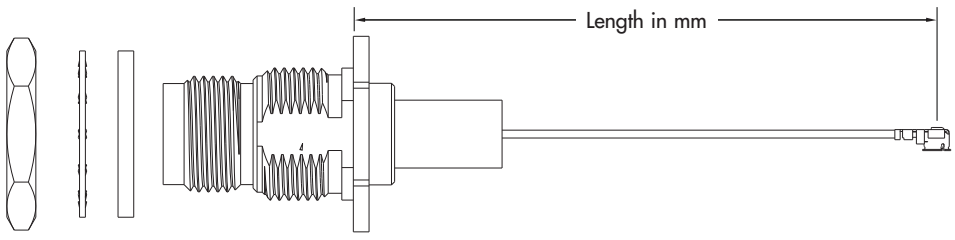
### AMC RIGHT ANGLE PLUG TO TNC BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336203-08-XXXX | RG-178/U | AMC | 122547 | 50 Ohm |
| 336203-12-XXXX | 1.13 mm | AMC | 122526 | 50 Ohm |
| 336203-13-XXXX | 1.32 mm | AMC | 122529 | 50 Ohm |
| 336203-14-XXXX | 1.37 mm | AMC | 122532 | 50 Ohm |




### AMC RIGHT ANGLE PLUG TO TNC BULKHEAD JACK IP 67 CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336209-08-XXXX | RG-178/U | AMC | 122370-11 | 50 Ohm |
| 336209-12-XXXX | 1.13 mm | AMC | 122542 | 50 Ohm |
| 336209-13-XXXX | 1.32 mm | AMC | 122529-10 | 50 Ohm |
| 336209-14-XXXX | 1.37 mm | AMC | 122532-10 | 50 Ohm |

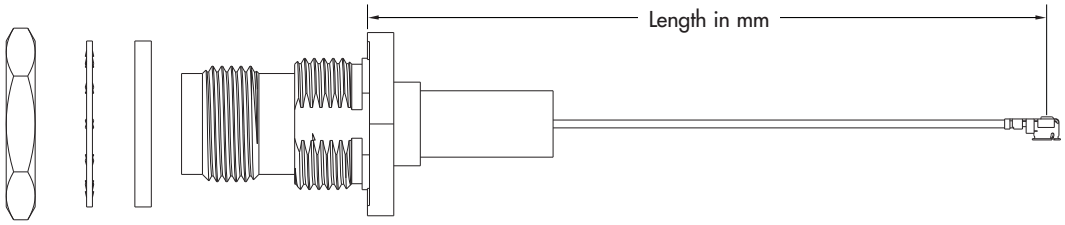





Additional options are available. See the Amphenol Connex website for our latest offering.

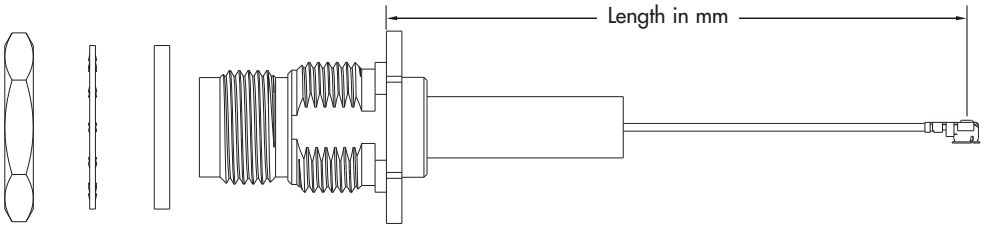
### AMC RIGHT ANGLE PLUG TO TNC BULKHEAD JACK REVERSE POLARITY CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336206-08-XXXX | RG-178/U | AMC | 122370RP | 50 Ohm |
| 336206-12-XXXX | 1.13 mm | AMC | 122526RP | 50 Ohm |
| 336206-13-XXXX | 1.32 mm | AMC | 122529RP | 50 Ohm |
| 336206-14-XXXX | 1.37 mm | AMC | 122532RP | 50 Ohm |



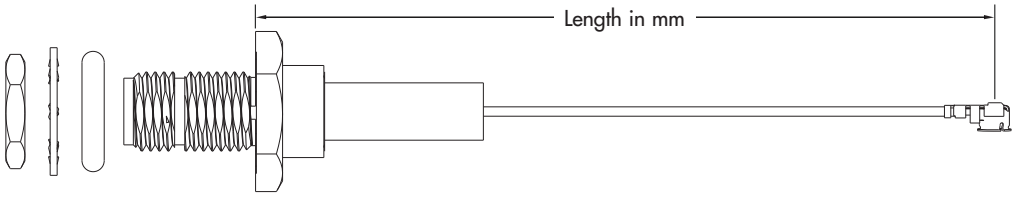

### AMC RIGHT ANGLE PLUG TO TNC BULKHEAD JACK REVERSE POLARITY IP 67 CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336212-08-XXXX | RG-178/U | AMC | 122370RP-11 | 50 Ohm |
| 336212-12-XXXX | 1.13 mm | AMC | 122542RP | 50 Ohm |
| 336212-13-XXXX | 1.32 mm | AMC | 122529RP-10 | 50 Ohm |
| 336212-14-XXXX | 1.37 mm | AMC | 122532RP-10 | 50 Ohm |




### AMC RIGHT ANGLE PLUG TO SMA BULKHEAD JACK CABLE ASSEMBLIES

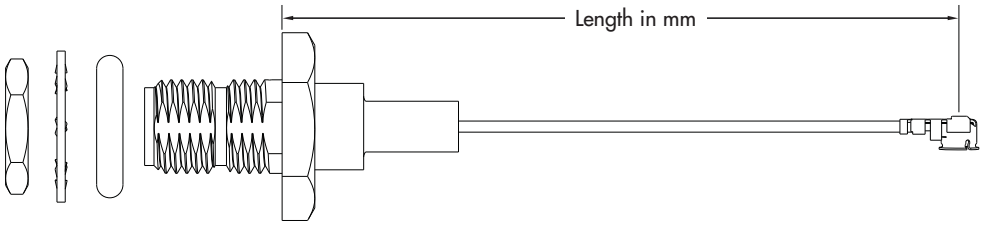
| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336303-08-XXXX | RG-178/U | AMC | 132220 | 50 Ohm |
| 336303-12-XXXX | 1.13 mm | AMC | 132377 | 50 Ohm |
| 336303-13-XXXX | 1.32 mm | AMC | 132389 | 50 Ohm |
| 336303-14-XXXX | 1.37 mm | AMC | 132392 | 50 Ohm |




Additional options are available. See the Amphenol Connex website for our latest offering.

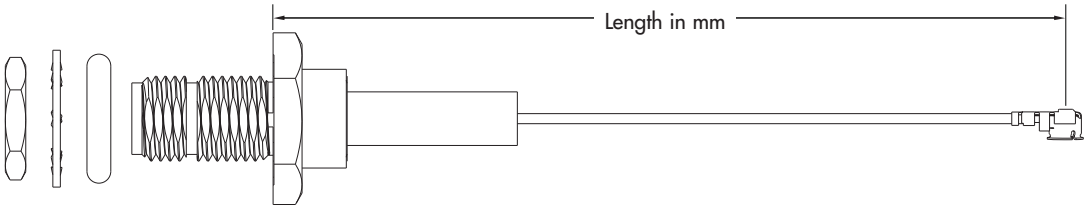
### AMC RIGHT ANGLE PLUG TO SMA BULKHEAD JACK IP 67 CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336309-08-XXXX | RG-178/U | AMC | 132286-12 | 50 Ohm |
| 336309-12-XXXX | 1.13 mm | AMC | 132422 | 50 Ohm |
| 336309-13-XXXX | 1.32 mm | AMC | 132389-10 | 50 Ohm |
| 336309-14-XXXX | 1.37 mm | AMC | 132392-10 | 50 Ohm |



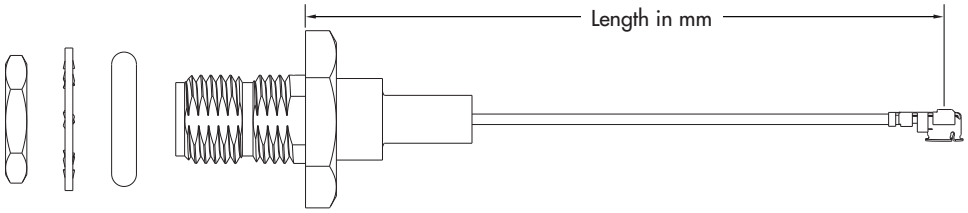

### AMC RIGHT ANGLE PLUG TO SMA BULKHEAD JACK REVERSE POLARITY CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336306-08-XXXX | RG-178/U | AMC | 132220RP | 50 Ohm |
| 336306-12-XXXX | 1.13 mm | AMC | 132377RP | 50 Ohm |
| 336306-13-XXXX | 1.32 mm | AMC | 132389RP | 50 Ohm |
| 336306-14-XXXX | 1.37 mm | AMC | 132392RP | 50 Ohm |




### AMC RIGHT ANGLE PLUG TO SMA BULKHEAD JACK REVERSE POLARITY IP 67 CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336312-08-XXXX | RG-178/U | AMC | 132286RP-10 | 50 Ohm |
| 336312-12-XXXX | 1.13 mm | AMC | 132397RP | 50 Ohm |
| 336312-13-XXXX | 1.32 mm | AMC | 132389-10RP | 50 Ohm |
| 336312-14-XXXX | 1.37 mm | AMC | 132392RP-10 | 50 Ohm |

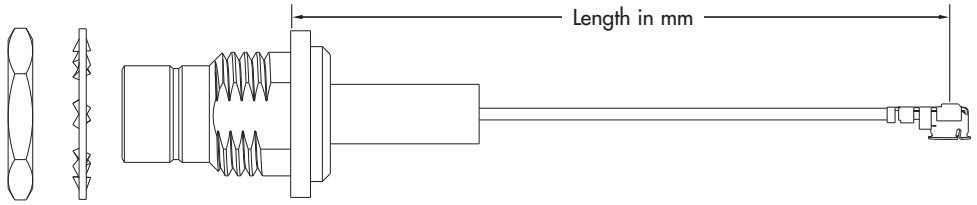





Additional options are available. See the Amphenol Connex website for our latest offering.

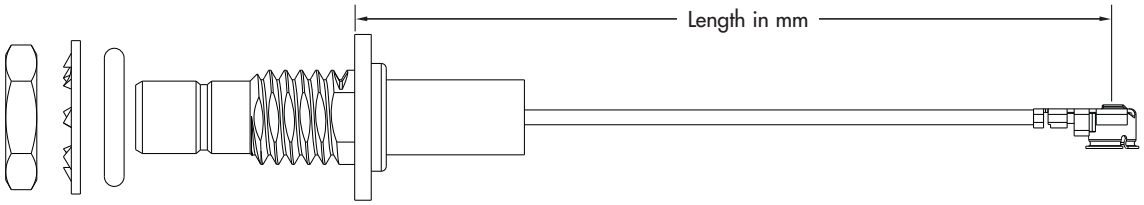
### AMC RIGHT ANGLE PLUG TO SMB BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336403-08-XXXX | RG-178/U | AMC | 142231 | 50 Ohm |
| 336403-12-XXXX | 1.13 mm | AMC | 142346 | 50 Ohm |
| 336403-13-XXXX | 1.32 mm | AMC | 142349 | 50 Ohm |
| 336403-14-XXXX | 1.37 mm | AMC | 142352 | 50 Ohm |



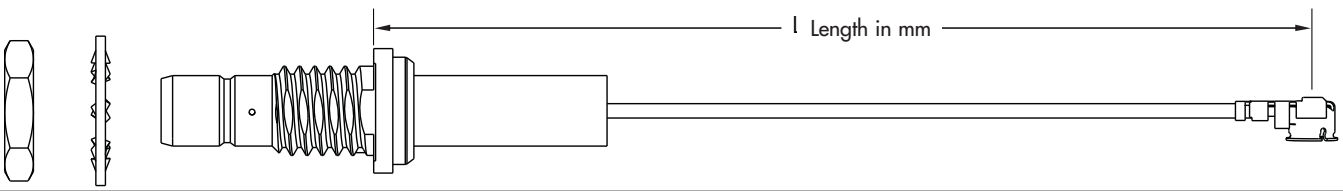

### AMC RIGHT ANGLE PLUG TO SMB BULKHEAD JACK WITH O-RING CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336409-08-XXXX | RG-178/U | AMC | 142231-10 | 50 Ohm |
| 336409-12-XXXX | 1.13 mm | AMC | 142346-10 | 50 Ohm |
| 336409-13-XXXX | 1.32 mm | AMC | 142349-10 | 50 Ohm |
| 336409-14-XXXX | 1.37 mm | AMC | 142352-10 | 50 Ohm |




### AMC RIGHT ANGLE PLUG TO SMB BULKHEAD JACK REVERSE POLARITY CABLE ASSEMBLIES

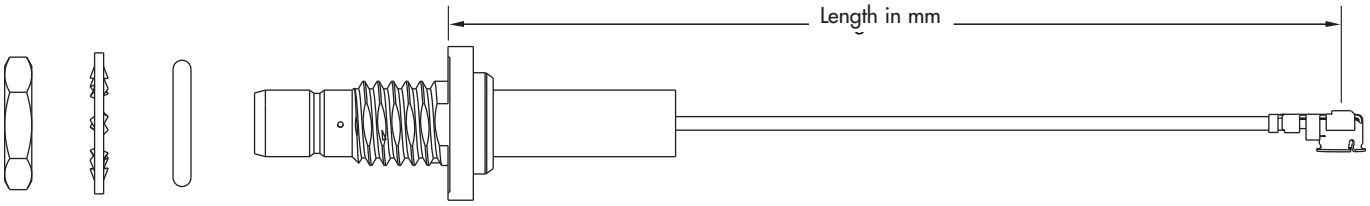
| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336406-08-XXXX | RG-178/U | AMC | 142231RP | 50 Ohm |
| 336406-12-XXXX | 1.13 mm | AMC | 142346RP | 50 Ohm |
| 336406-13-XXXX | 1.32 mm | AMC | 142349RP | 50 Ohm |
| 336406-14-XXXX | 1.37 mm | AMC | 142352RP | 50 Ohm |




Additional options are available. See the Amphenol Connex website for our latest offering.

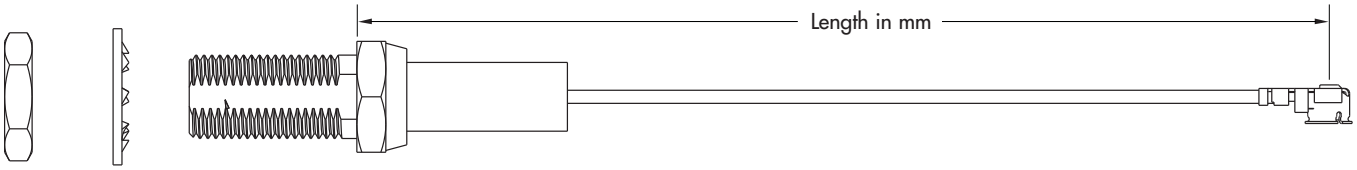
### AMC RIGHT ANGLE PLUG TO SMB BULKHEAD JACK REVERSE POLARITY WITH O-RING CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336412-08-XXXX | RG-178/U | AMC | 142231RP-10 | 50 Ohm |
| 336412-12-XXXX | 1.13 mm | AMC | 142346RP-10 | 50 Ohm |
| 336412-13-XXXX | 1.32 mm | AMC | 142349RP-10 | 50 Ohm |
| 336412-14-XXXX | 1.37 mm | AMC | 142352RP-10 | 50 Ohm |



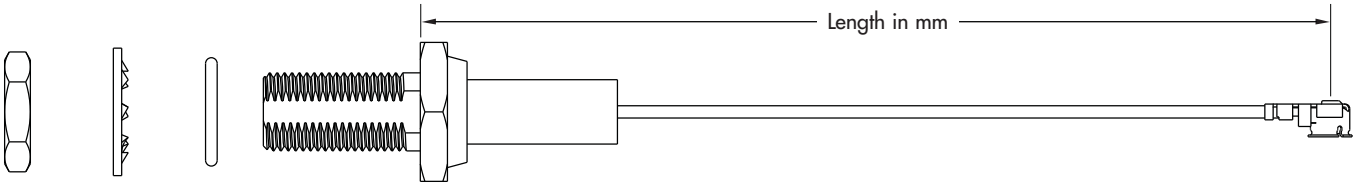

### AMC RIGHT ANGLE PLUG TO MCX BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336503-08-XXXX | RG-178/U | AMC | 252167 | 50 Ohm |
| 336503-12-XXXX | 1.13 mm | AMC | 252197 | 50 Ohm |
| 336503-13-XXXX | 1.32 mm | AMC | 252200 | 50 Ohm |
| 336503-14-XXXX | 1.37 mm | AMC | 252203 | 50 Ohm |




### AMC RIGHT ANGLE PLUG TO MCX BULKHEAD JACK WITH O-RING CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336509-08-XXXX | RG-178/U | AMC | 252167-10 | 50 Ohm |
| 336509-12-XXXX | 1.13 mm | AMC | 252197-10 | 50 Ohm |
| 336509-13-XXXX | 1.32 mm | AMC | 252200-10 | 50 Ohm |
| 336509-14-XXXX | 1.37 mm | AMC | 252203-10 | 50 Ohm |

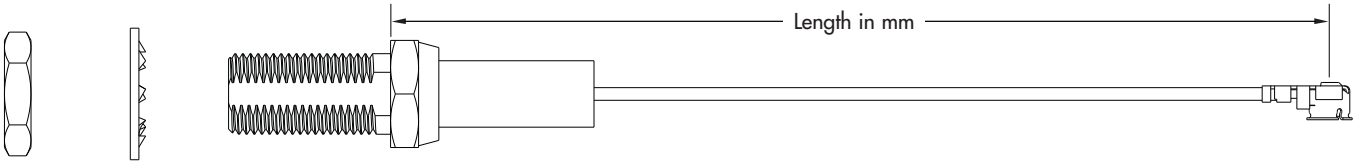





Additional options are available. See the Amphenol Connex website for our latest offering.

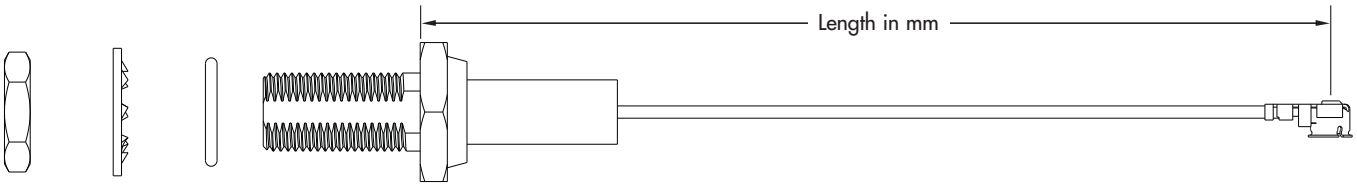
### AMC RIGHT ANGLE PLUG TO MCX BULKHEAD JACK REVERSE POLARITY CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336506-08-XXXX | RG-178/U | AMC | 252167RP | 50 Ohm |
| 336506-12-XXXX | 1.13 mm | AMC | 252197RP | 50 Ohm |
| 336506-13-XXXX | 1.32 mm | AMC | 252200RP | 50 Ohm |
| 336506-14-XXXX | 1.37 mm | AMC | 252203RP | 50 Ohm |



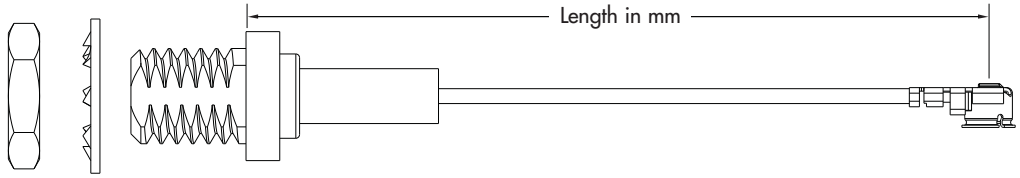

### AMC RIGHT ANGLE PLUG TO MCX BULKHEAD JACK REVERSE POLARITY WITH O-RING CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336512-08-XXXX | RG-178/U | AMC | 252167RP-10 | 50 Ohm |
| 336512-12-XXXX | 1.13 mm | AMC | 252197RP-10 | 50 Ohm |
| 336512-13-XXXX | 1.32 mm | AMC | 252200RP-10 | 50 Ohm |
| 336512-14-XXXX | 1.37 mm | AMC | 252203RP-10 | 50 Ohm |




### AMC RIGHT ANGLE PLUG TO MMCX BULKHEAD JACK CABLE ASSEMBLIES

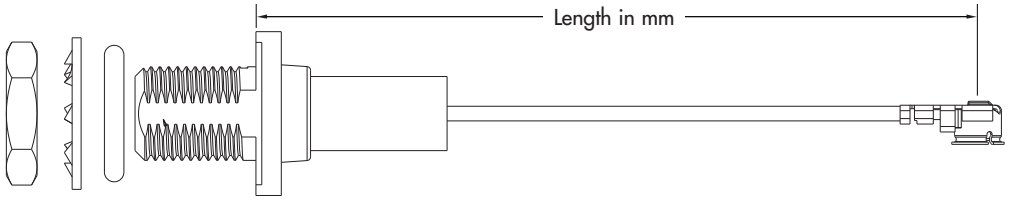
| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336603-08-XXXX | RG-178/U | AMC | 262120 | 50 Ohm |
| 336603-12-XXXX | 1.13 mm | AMC | 262141 | 50 Ohm |
| 336603-13-XXXX | 1.32 mm | AMC | 262145 | 50 Ohm |
| 336603-14-XXXX | 1.37 mm | AMC | 262148 | 50 Ohm |




Additional options are available. See the Amphenol Connex website for our latest offering.

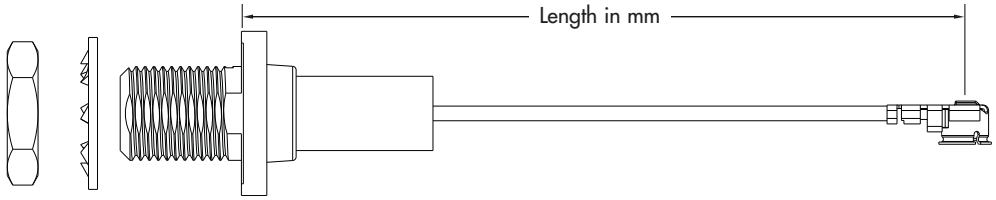
### AMC RIGHT ANGLE PLUG TO MMCX BULKHEAD JACK WITH O-RING CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336609-08-XXXX | RG-178/U | AMC | 262120-10 | 50 Ohm |
| 336609-12-XXXX | 1.13 mm | AMC | 262141-10 | 50 Ohm |
| 336609-13-XXXX | 1.32 mm | AMC | 262145-10 | 50 Ohm |
| 336609-14-XXXX | 1.37 mm | AMC | 262148-10 | 50 Ohm |



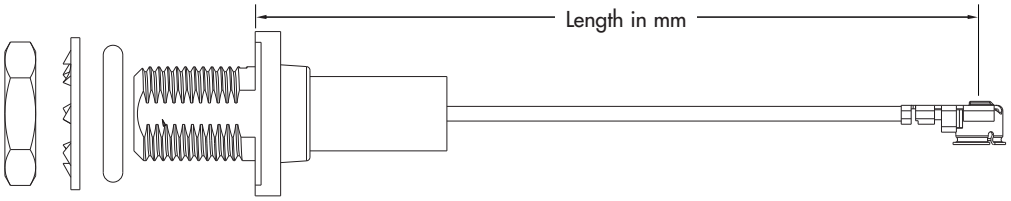

### AMC RIGHT ANGLE PLUG TO MMCX BULKHEAD JACK REVERSE POLARITY CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336606-08-XXXX | RG-178/U | AMC | 262120RP | 50 Ohm |
| 336606-12-XXXX | 1.13 mm | AMC | 262141RP | 50 Ohm |
| 336606-13-XXXX | 1.32 mm | AMC | 262145RP | 50 Ohm |
| 336606-14-XXXX | 1.37 mm | AMC | 262148RP | 50 Ohm |




### AMC RIGHT ANGLE PLUG TO MMCX BULKHEAD JACK REVERSE POLARITY WITH O-RING CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 336612-08-XXXX | RG-178/U | AMC | 262120RP-10 | 50 Ohm |
| 336612-12-XXXX | 1.13 mm | AMC | 262141RP-10 | 50 Ohm |
| 336612-13-XXXX | 1.32 mm | AMC | 262145RP-10 | 50 Ohm |
| 336612-14-XXXX | 1.37 mm | AMC | 262148RP-10 | 50 Ohm |



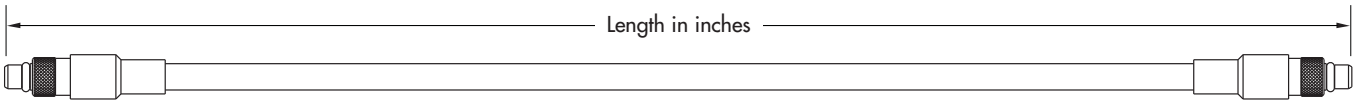



Additional options are available. See the Amphenol Connex website for our latest offering.

**Amphenol Connex MMCX Cable Assemblies** are made with MMCX connectors on both ends. These MMCX assemblies offer a reliable broadband performance from DC to 6 GHz. These 50 Ohm assemblies incorporate the industry approved MMCX interface with a snap-on/quick disconnect interface. These assemblies are often used in high volume cellular, GPS, and wireless base station applications. The MMCX cable assemblies are dimensioned in inches with standard lengths of 6, 12, 18, 24, 36, and 48 inches, and custom lengths may also be available. Heat shrink representation may vary.

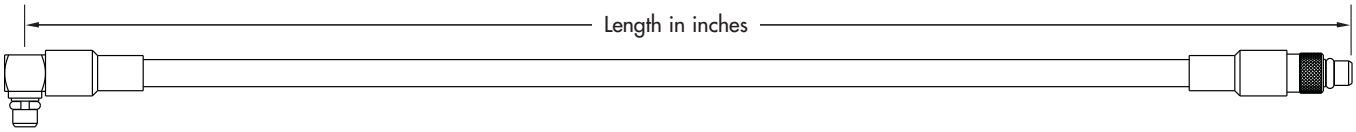
### MMCX STRAIGHT PLUG TO MMCX STRAIGHT PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 265101-01-XX.XX | RG-316/U | 262101 | 262101 | 50 Ohm |
| 265101-02-XX.XX | RG-174/U | 262101 | 262101 | 50 Ohm |
| 265101-03-XX.XX | RG-316/U DB | 262110 | 262110 | 50 Ohm |



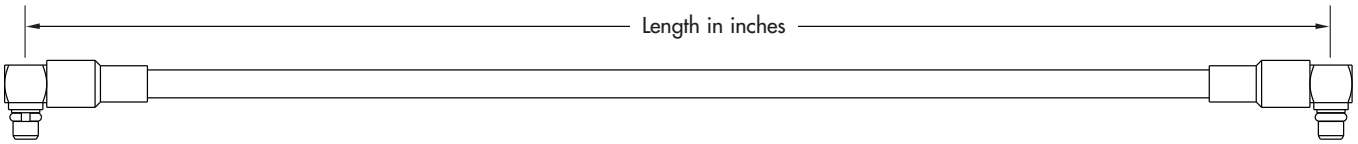

### MMCX STRAIGHT PLUG TO MMCX RIGHT ANGLE PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 265103-01-XX.XX | RG-316/U | 262103 | 262101 | 50 Ohm |
| 265103-02-XX.XX | RG-174/U | 262103 | 262101 | 50 Ohm |
| 265103-03-XX.XX | RG-316/U DB | 262111 | 262110 | 50 Ohm |



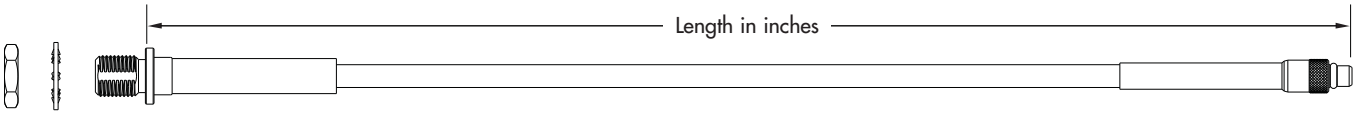
## MMCX RIGHT ANGLE PLUG TO MMCX RIGHT ANGLE PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 265104-01-XX.XX | RG-316/U | 262103 | 262103 | 50 Ohm |
| 265104-02-XX.XX | RG-174/U | 262103 | 262103 | 50 Ohm |
| 265104-03-XX.XX | RG-316/U DB | 262111 | 262111 | 50 Ohm |



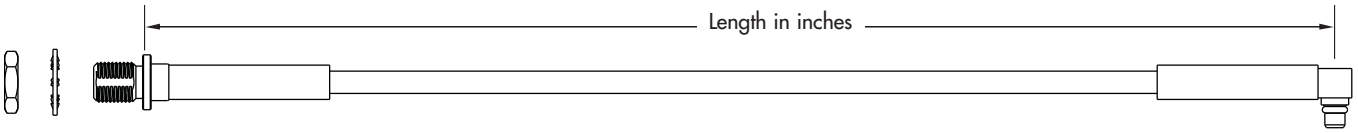

## MMCX STRAIGHT PLUG TO MMCX BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 265110-01-XX.XX | RG-316/U | 262101 | 262121 | 50 Ohm |
| 265110-02-XX.XX | RG-174/U | 262101 | 262121 | 50 Ohm |
| 265110-03-XX.XX | RG-316/U DB | 262110 | 262122 | 50 Ohm |




## MMCX RIGHT ANGLE PLUG TO MMCX BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 265111-01-XX.XX | RG-316/U | 262103 | 262121 | 50 Ohm |
| 265111-02-XX.XX | RG-174/U | 262103 | 262121 | 50 Ohm |
| 265111-03-XX.XX | RG-316/U DB | 262111 | 262122 | 50 Ohm |



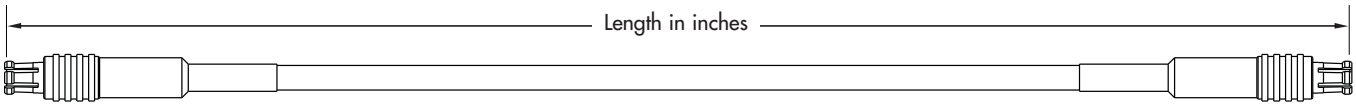



Additional options are available. See the Amphenol Connex website for our latest offering.

**Amphenol Connex MCX Cable Assemblies** are made with MCX connectors on both ends. These MCX assemblies are ideal for applications in the cellular telephone, information systems and communications markets. These assemblies operate in a frequency range of up to 6 GHZ and offer a push-on/pull-off mating interface. MCX assemblies are available in both 50 Ohm and 75 Ohm impedance. These cable assemblies are dimensioned in inches with standard lengths of 6, 12, 18, 24, 36, and 48 inches, and custom lengths may also be available. Heat shrink representation may vary.

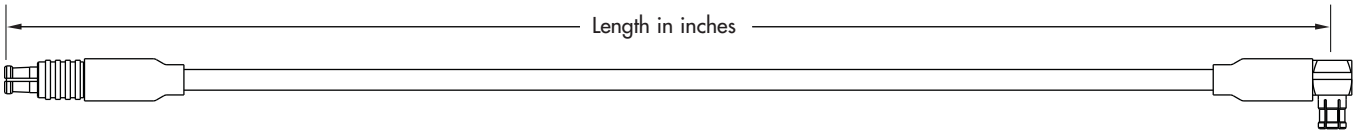
### MCX STRAIGHT PLUG TO MCX STRAIGHT PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 255101-01-XX.XX | RG-316/U | 252103 | 252103 | 50 Ohm |
| 255101-02-XX.XX | RG-174/U | 252103 | 252103 | 50 Ohm |
| 255101-03-XX.XX | RG-316/U DB | 252121 | 252121 | 50 Ohm |



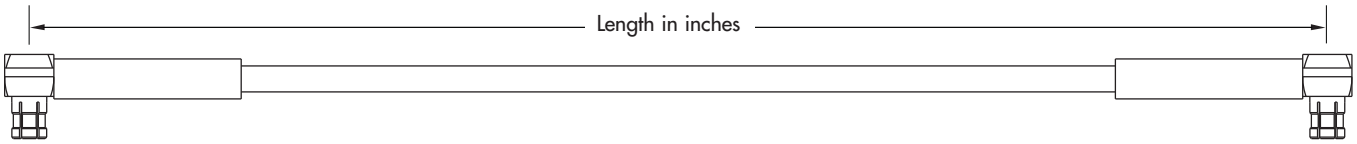

### MCX STRAIGHT PLUG TO MCX RIGHT ANGLE PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 255103-01-XX.XX | RG-316/U | 252102 | 252103 | 50 Ohm |
| 255103-02-XX.XX | RG-174/U | 252102 | 252103 | 50 Ohm |
| 255103-03-XX.XX | RG-316/U DB | 252121 | 252119 | 50 Ohm |



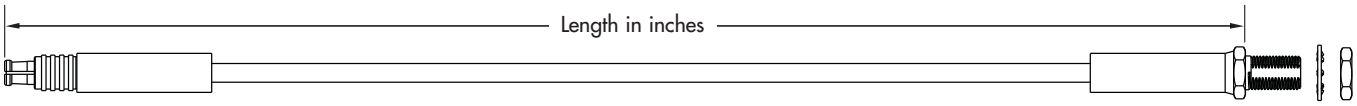
## MCX RIGHT ANGLE PLUG TO MCX RIGHT ANGLE PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 255104-01-XX.XX | RG-316/U | 252102 | 252102 | 50 Ohm |
| 255104-02-XX.XX | RG-174/U | 252102 | 252102 | 50 Ohm |
| 255104-03-XX.XX | RG-316/U DB | 252119 | 252119 | 50 Ohm |



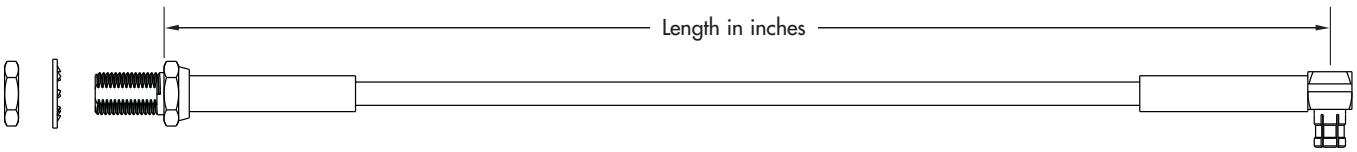

## MCX STRAIGHT PLUG TO MCX BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 255110-01-XX.XX | RG-316/U | 252145 | 252103 | 50 Ohm |
| 255110-02-XX.XX | RG-174/U | 252145 | 252103 | 50 Ohm |
| 255110-03-XX.XX | RG-316/U DB | 252147 | 252121 | 50 Ohm |




## MCX RIGHT ANGLE PLUG TO MCX BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 255111-01-XX.XX | RG-316/U | 252145 | 252102 | 50 Ohm |
| 255111-02-XX.XX | RG-174/U | 252145 | 252102 | 50 Ohm |
| 255111-03-XX.XX | RG-316/U DB | 252147 | 252121 | 50 Ohm |





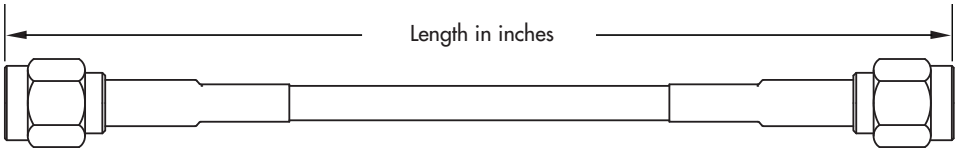

Additional options are available. See the Amphenol Connex website for our latest offering.

**Amphenol Connex SMA Cable Assemblies** are made with SMA connectors on both ends. SMA connectors are semi-precision, sub-miniature, high-frequency connectors that offer reliable broadband performance. Amphenol Connex offers SMA assemblies using both flexible and semi-rigid (hand conformable) cable types. SMA assemblies on Semi-Rigid cable are DC to 18 GHz and assemblies using flexible cable perform up to 12.4 GHz, (this varies by cable type), with both cable types offering low reflection and constant 50 Ohm impedance. SMA connectors feature a thread-on interface that offers high mechanical strength, high durability and low VSWR. These cable assemblies are dimensioned in inches with standard lengths of 6, 12, 18, 24, 36, and 48 inches, and custom lengths may also be available. Heat shrink representation may vary. Conformable/semi rigid assemblies have no heat shrink tubing.

## Amphenol Connex SMA Cable Assemblies on Flexible Cable

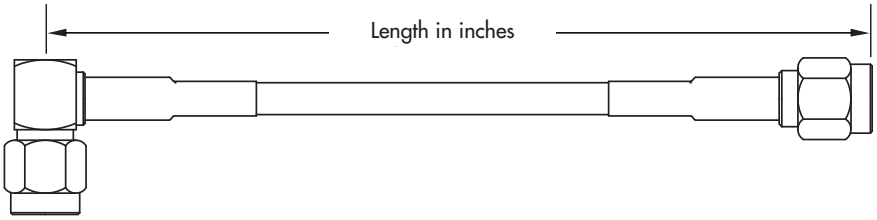
### SMA STRAIGHT PLUG TO SMA STRAIGHT PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 135101-01-XX.XX | RG-316/U | 132114 | 132114 | 50 Ohm |
| 135101-02-XX.XX | RG-174/U | 132114 | 132114 | 50 Ohm |
| 135101-03-XX.XX | RG-316/U DB | 132178 | 132178 | 50 Ohm |
| 135101-04-XX.XX | RG-58/U | 132113 | 132113 | 50 Ohm |
| 135101-07-XX.XX | RG-142/U | 132195 | 132195 | 50 Ohm |



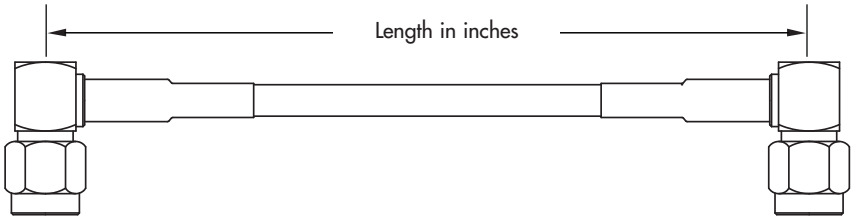

### SMA STRAIGHT PLUG TO SMA RIGHT ANGLE PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 135103-01-XX.XX | RG-316/U | 132123 | 132114 | 50 Ohm |
| 135103-02-XX.XX | RG-174/U | 132123 | 132114 | 50 Ohm |
| 135103-03-XX.XX | RG-316/U DB | 132182 | 132178 | 50 Ohm |
| 135103-04-XX.XX | RG-58/U | 132122 | 132113 | 50 Ohm |
| 135103-07-XX.XX | RG-142/U | 132194 | 132195 | 50 Ohm |



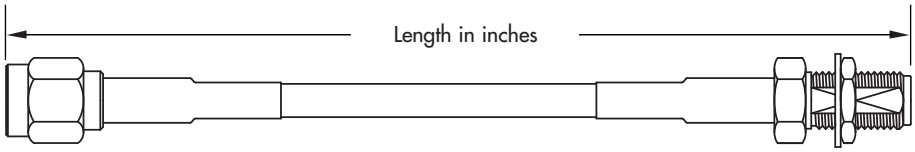
## SMA RIGHT ANGLE PLUG TO SMA RIGHT ANGLE PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 135104-01-XX.XX | RG-316/U | 132123 | 132123 | 50 Ohm |
| 135104-02-XX.XX | RG-174/U | 132123 | 132123 | 50 Ohm |
| 135104-03-XX.XX | RG-316/U DB | 132182 | 132182 | 50 Ohm |
| 135104-04-XX.XX | RG-58/U | 132122 | 132122 | 50 Ohm |
| 135104-07-XX.XX | RG-142/U | 132194 | 132194 | 50 Ohm |



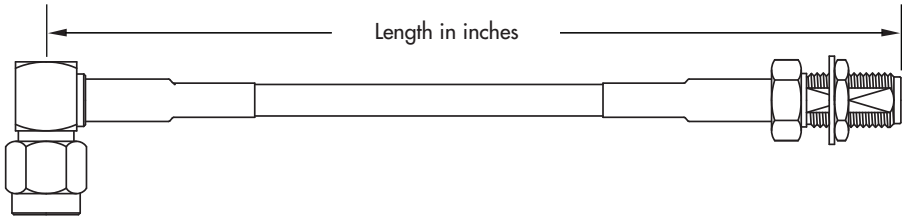

## SMA STRAIGHT PLUG TO SMA BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 135110-01-XX.XX | RG-316/U | 132119 | 132114 | 50 Ohm |
| 135110-02-XX.XX | RG-174/U | 132119 | 132114 | 50 Ohm |
| 135110-03-XX.XX | RG-316/U DB | 132176 | 132178 | 50 Ohm |
| 135110-04-XX.XX | RG-58/U | 132118 | 132113 | 50 Ohm |
| 135110-07-XX.XX | RG-142/U | 132191 | 132195 | 50 Ohm |




## SMA RIGHT ANGLE PLUG TO SMA BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 135111-01-XX.XX | RG-316/U | 132119 | 132123 | 50 Ohm |
| 135111-02-XX.XX | RG-174/U | 132119 | 132123 | 50 Ohm |
| 135111-03-XX.XX | RG-316/U DB | 132176 | 132182 | 50 Ohm |
| 135111-04-XX.XX | RG-58/U | 132118 | 132122 | 50 Ohm |
| 135111-07-XX.XX | RG-142/U | 132191 | 132194 | 50 Ohm |

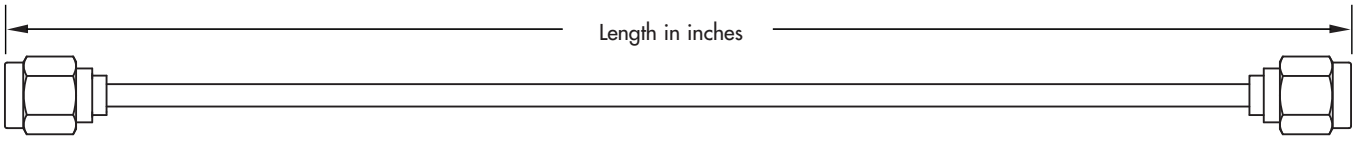





Additional options are available. See the Amphenol Connex website for our latest offering.

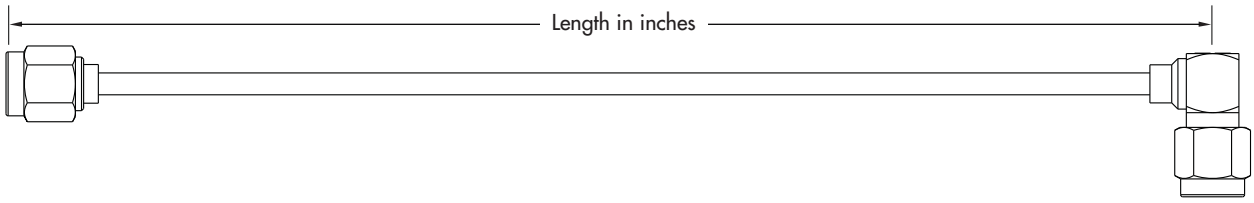
### SMA STRAIGHT PLUG TO SMA STRAIGHT PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 135101-R1-XX.XX | .085 Conformable | 132101 | 132101 | 50 Ohm |
| 135101-R2-XX.XX | .141 Conformable | 132102 | 132102 | 50 Ohm |



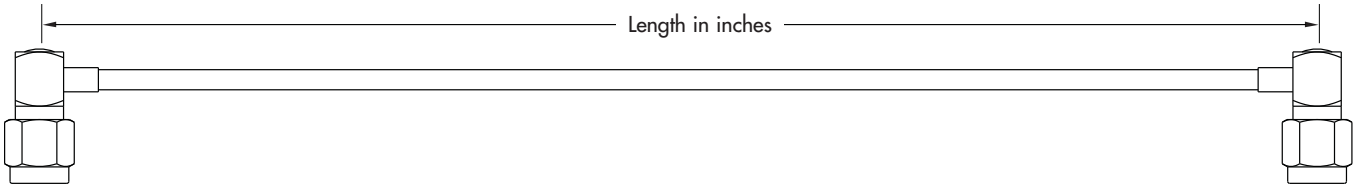

### SMA STRAIGHT PLUG TO SMA RIGHT ANGLE PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 135103-R1-XX.XX | .085 Conformable | 132101 | 132111 | 50 Ohm |
| 135103-R2-XX.XX | .141 Conformable | 132102 | 132112 | 50 Ohm |



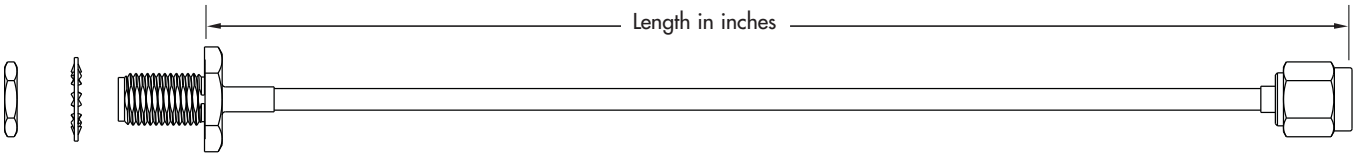

### SMA RIGHT ANGLE PLUG TO SMA RIGHT ANGLE PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 135104-R1-XX.XX | .085 Conformable | 132111 | 132111 | 50 Ohm |
| 135104-R2-XX.XX | .141 Conformable | 132112 | 132112 | 50 Ohm |



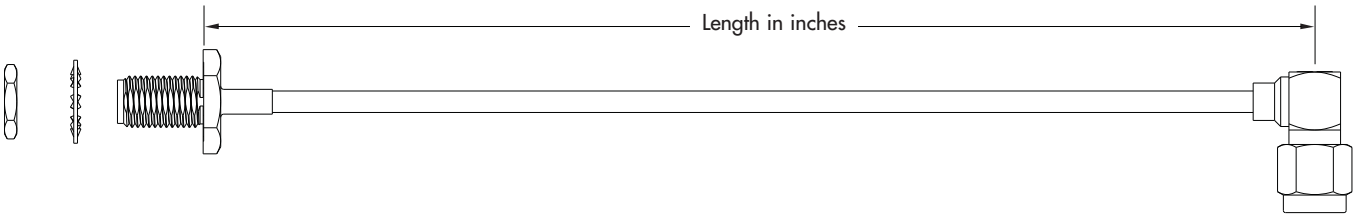
### SMA STRAIGHT PLUG TO SMA BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 135110-R1-XX.XX | .085 Conformable | 132105-10 | 132101 | 50 Ohm |
| 135110-R2-XX.XX | .141 Conformable | 132106 | 132102 | 50 Ohm |




### SMA RIGHT ANGLE PLUG TO SMA BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 135111-R1-XX.XX | .085 Conformable | 132103 | 132111 | 50 Ohm |
| 135111-R2-XX.XX | .141 Conformable | 132106 | 132112 | 50 Ohm |



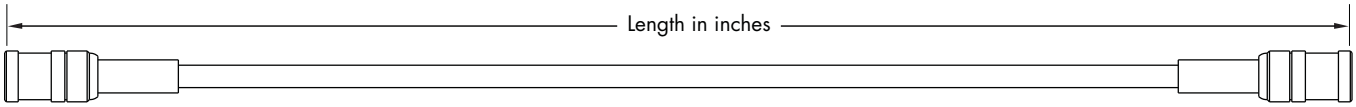



Additional options are available. See the Amphenol Connex website for our latest offering.

**Amphenol Connex SMB Cable Assemblies** offer SMB connectors on both ends. SMB assemblies perform from DC to 4 GHz and are available in both 50 Ohm and 75 Ohm impedance. SMB connectors offer a push-on interface for ease of use. All 75 Ohm SMB connectors used on these cable assemblies are the Mini 75 Ohm SMB type. SMB assemblies are offered in a variety of configurations and are dimensioned in inches with standard lengths of 6, 12, 18, 24, 36, and 48 inches. Custom lengths may also be available. Heat shrink representation may vary.

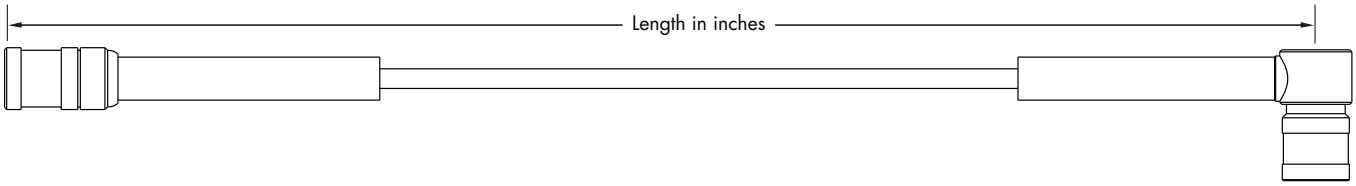
### SMB STRAIGHT PLUG TO SMB STRAIGHT PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 145101-01-XX.XX | RG-316/U | 142186 | 142186 | 50 Ohm |
| 145101-05-XX.XX | RG-179/U | 142186-75 | 142186-75 | 75 Ohm |



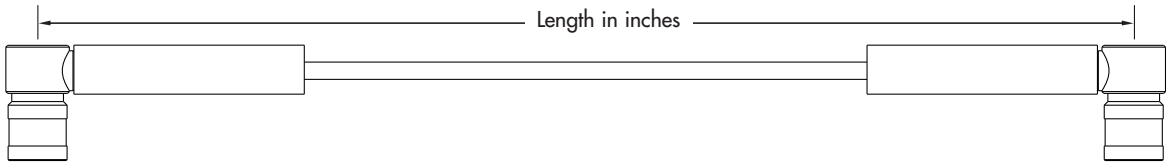

### SMB STRAIGHT PLUG TO SMB RIGHT ANGLE PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 145103-01-XX.XX | RG-316/U | 142194 | 142186 | 50 Ohm |
| 145103-08-XX.XX | RG-178/U | 142195 | 142229 | 50 Ohm |



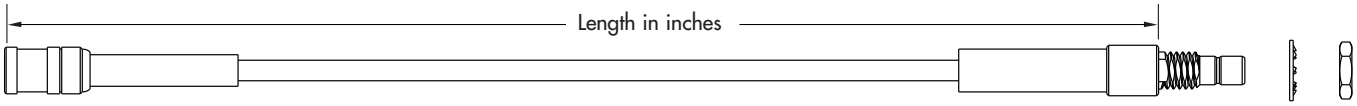
### SMB RIGHT ANGLE PLUG TO SMB RIGHT ANGLE PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 145104-01-XX.XX | RG-316/U | 142194 | 142194 | 50 Ohm |
| 145104-05-XX.XX | RG-179/U | 142194-75 | 142194-75 | 75 Ohm |
| 145104-08-XX.XX | RG-178/U | 142195 | 142195 | 50 Ohm |



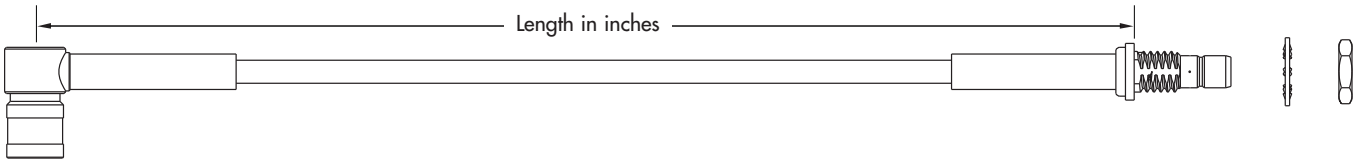

### SMB STRAIGHT PLUG TO SMB BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 145110-01-XX.XX | RG-316/U | 142191 | 142186 | 50 Ohm |
| 145110-05-XX.XX | RG-179/U | 142191-75 | 142186-75 | 75 Ohm |
| 145110-08-XX.XX | RG-178/U | 142231 | 142229 | 50 Ohm |




### SMB RIGHT ANGLE PLUG TO SMB BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 145111-01-XX.XX | RG-316/U | 142191 | 142194 | 50 Ohm |
| 145111-05-XX.XX | RG-179/U | 142191-75 | 142194-75 | 75 Ohm |
| 145111-08-XX.XX | RG-178/U | 142231 | 142195 | 50 Ohm |



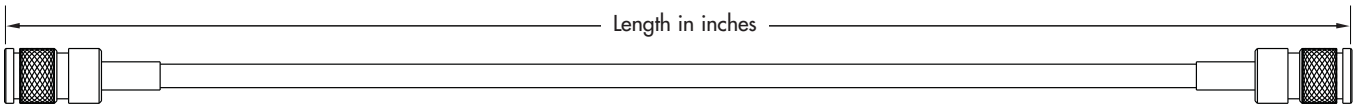



Additional options are available. See the Amphenol Connex website for our latest offering.

**Amphenol Connex 1.0/2.3 Cable Assemblies** were designed for use in instrumentation and 75 Ohm video applications. The 1.0/2.3 connectors feature an innovative push-pull locking mechanism. The slim coupling nut is ideal for high density applications. These cable assemblies are for applications up to 3 GHz+ and standard lengths are 6, 12, 18, 24, 36, and 48 inches; custom lengths may also be available. Heat shrink representation may vary.

### 1.0/2.3 STRAIGHT PLUG TO 1.0/2.3 STRAIGHT PLUG CABLE ASSEMBLIES

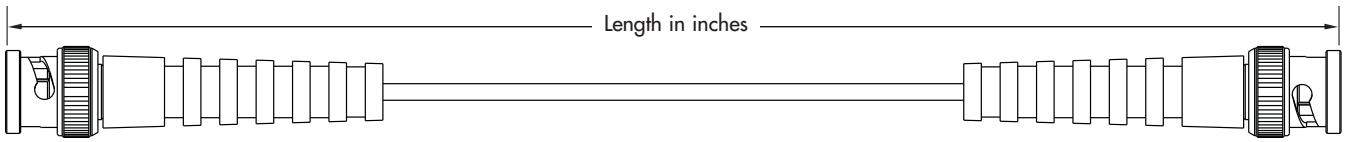
| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 285101-06-XX.XX | B8218 | 282138-75 | 282138-75 | 75 Ohm |
| 285101-09-XX.XX | B1855A | 282138-75 | 282138-75 | 75 Ohm |
| 285101-26-XX.XX | B1694A | 282137-75 | 282137-75 | 75 Ohm |



**Amphenol Connex BNC Cable Assemblies** have BNC connectors on both ends. The bayonet coupling style allows for quick connect and disconnect while still offering high reliability. Assemblies are offered for both 50 and 75 ohm impedance applications. The 50 ohm assemblies will function up to 4 GHz, and the 75 ohm assemblies will function up to 3 GHZ. These cable assemblies are often used in broadcast applications with standard lengths from 6 inches all the way up to 100 feet. Heat shrink representation may vary.

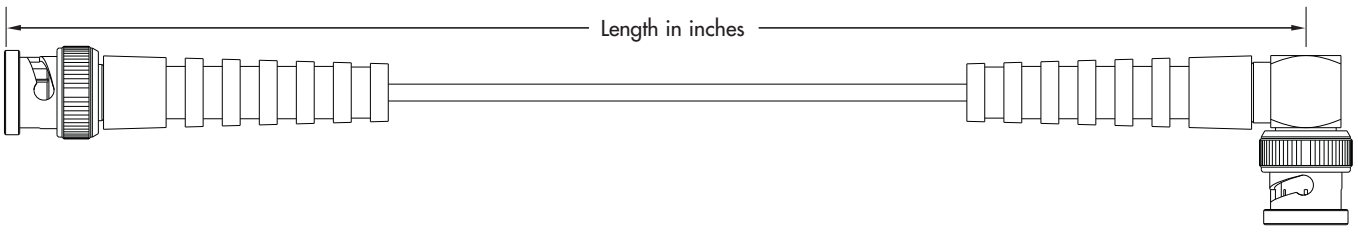
### BNC STRAIGHT PLUG TO BNC STRAIGHT PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 115101-01-XX.XX | RG-316/U | 112132 | 112132 | 50 Ohm |
| 115101-05-XX.XX | RG-179/U | 112133 | 112133 | 75 Ohm |
| 115101-06-XX.XX | B8218 | 112955 | 112955 | 75 Ohm |
| 115101-09-XX.XX | B1855A | 112955 | 112955 | 75 Ohm |
| 115101-19-XX.XX | RG-58/U | 112116 | 112116 | 50 Ohm |
| 115101-20-XX.XX | RG-59/U | 112119 | 112119 | 75 Ohm |




### BNC STRAIGHT PLUG TO BNC RIGHT ANGLE PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 115103-04-XX.XX | RG-58/U | 112116 | 112162 | 50 Ohm |
| 115103-15-XX.XX | RG-59/U | 112119 | 112165 | 75 Ohm |

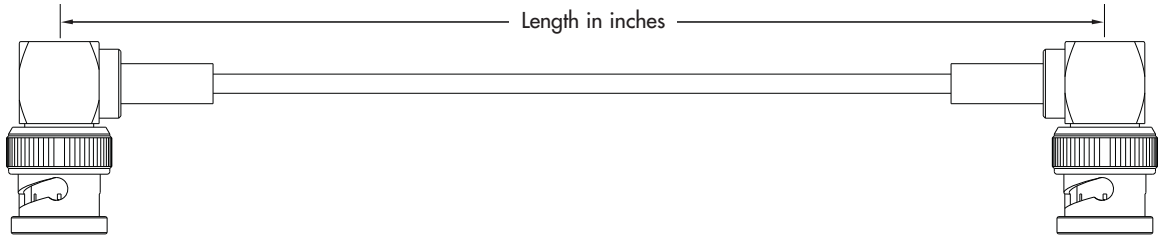





Additional options are available. See the Amphenol Connex website for our latest offering.

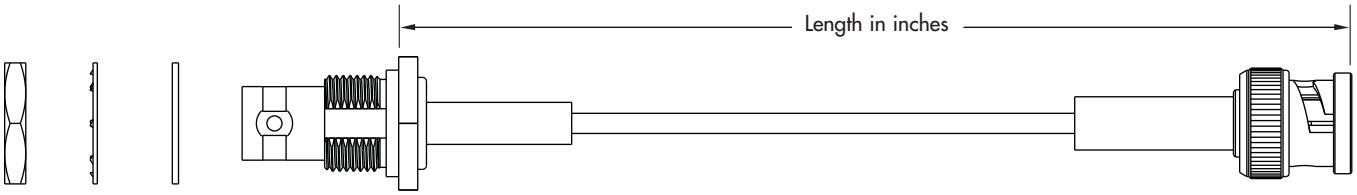
### BNC RIGHT ANGLE PLUG TO BNC RIGHT ANGLE PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 115104-01-XX.XX | RG-316/U | 112178 | 112178 | 50 Ohm |
| 115104-04-XX.XX | RG-58/U | 112162 | 112162 | 50 Ohm |



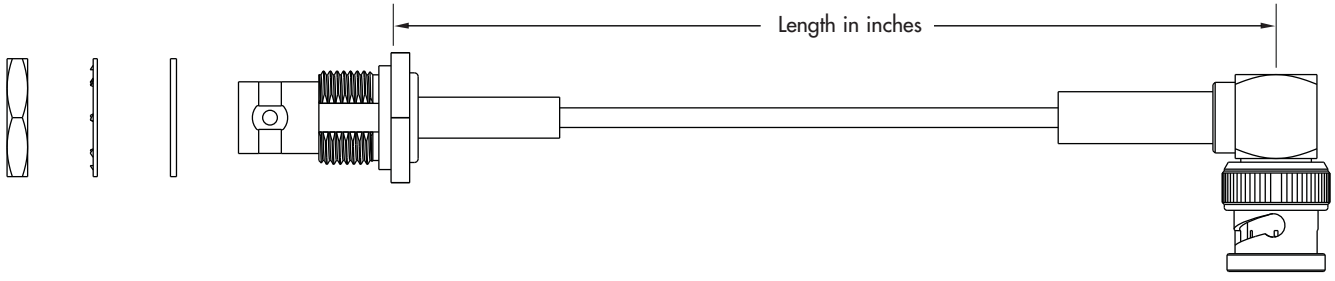

### BNC STRAIGHT PLUG TO BNC BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 115110-01-XX.XX | RG-316/U | 112234 | 112132 | 50 Ohm |
| 115110-04-XX.XX | RG-58/U | 112202 | 112116 | 50 Ohm |




### BNC RIGHT ANGLE PLUG TO BNC BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 115111-01-XX.XX | RG-316/U | 112234 | 112178 | 50 Ohm |
| 115110-04-XX.XX | RG-58/U | 112202 | 112162 | 50 Ohm |

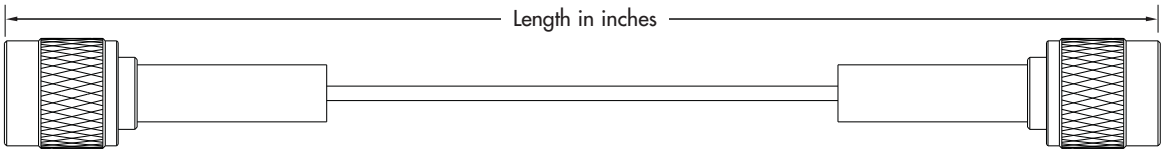



Additional options are available. See the Amphenol Connex website for our latest offering.

**Amphenol Connex TNC Cable Assemblies** utilize TNC connectors on both ends. TNC connectors are the same physical size as BNC connectors, but feature a threaded coupling mechanism. The 50 Ohm assemblies function up to 11 GHz while the 75 Ohm assemblies function up to 3 GHz. These assemblies are often used in commercial and military antenna applications. Standard lengths are 6, 12, 18, 24, 36, and 48 inches, and custom lengths may also be available. Heat shrink representation may vary.

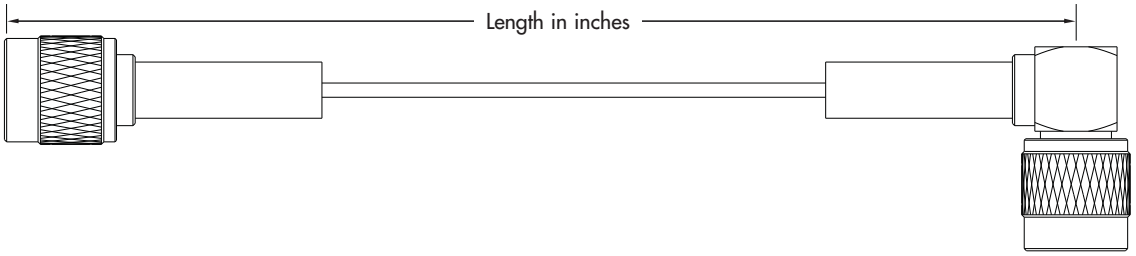
### TNC STRAIGHT PLUG TO TNC STRAIGHT PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 125101-01-XX.XX | RG-316/U | 122116 | 122116 | 50 Ohm |
| 125101-04-XX.XX | RG-58/U | 122108 | 122108 | 50 Ohm |




### TNC STRAIGHT PLUG TO TNC RIGHT ANGLE PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 125103-01-XX.XX | RG-316/U | 122116 | 122148 | 50 Ohm |
| 125103-04-XX.XX | RG-58/U | 122108 | 122140 | 50 Ohm |

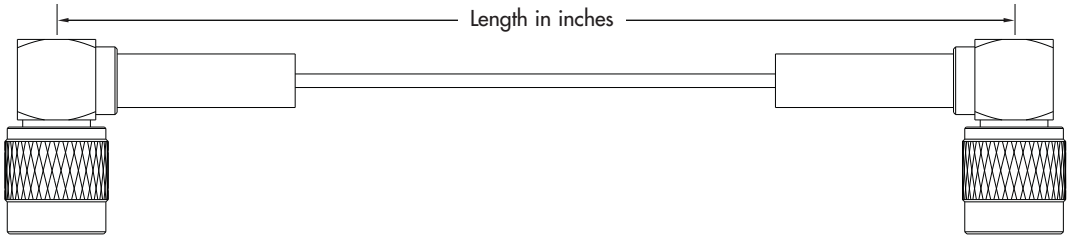





Additional options are available. See the Amphenol Connex website for our latest offering.

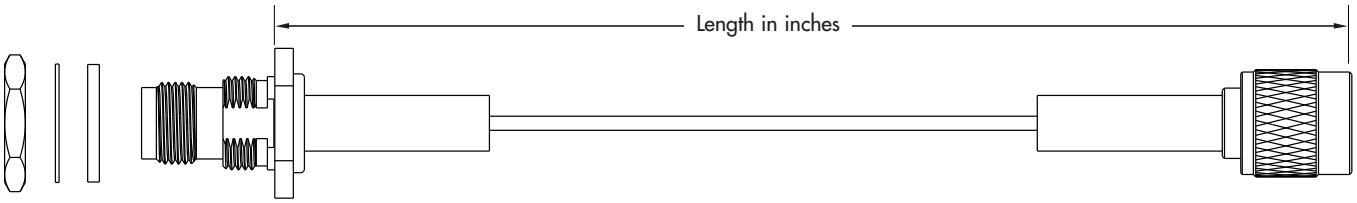
### TNC RIGHT ANGLE PLUG TO TNC RIGHT ANGLE PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 125104-01-XX.XX | RG-316/U | 122148 | 122148 | 50 Ohm |
| 125104-04-XX.XX | RG-58/U | 122140 | 122140 | 50 Ohm |



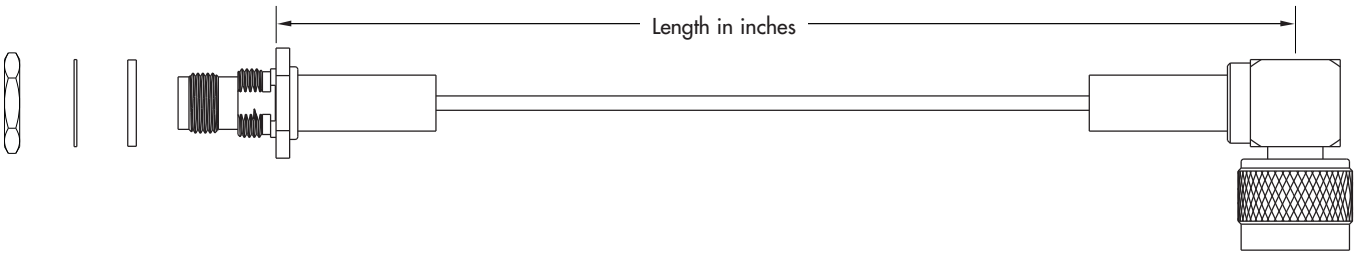

### TNC STRAIGHT PLUG TO TNC BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 125110-01-XX.XX | RG-316/U | 122192 | 122116 | 50 Ohm |
| 125110-04-XX.XX | RG-58/U | 122160 | 122108 | 50 Ohm |




### TNC RIGHT ANGLE PLUG TO TNC BULKHEAD JACK CABLE ASSEMBLIES

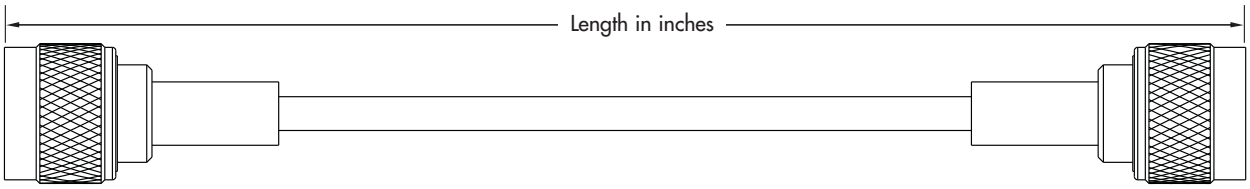
| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 125111-01-XX.XX | RG-316/U | 122192 | 122148 | 50 Ohm |
| 125111-04-XX.XX | RG-58/U | 122160 | 122140 | 50 Ohm |



**Amphenol Connex N Cable Assemblies** feature N connectors on both ends. Amphenol Connex N connectors feature Nexcote® (White Bronze) plating to reduce unwanted passive intermodulation distortion. N connectors are medium sized connectors with a rugged threaded coupling mechanism, ideal for high performance telecommunications applications. Assemblies typically perform well up to 11 GHz (varies by cable) and offer 50 Ohm impedance. Standard lengths are 6, 12, 18, 24, 36, and 48 inches, and custom lengths may also be available. Heat shrink representation may vary.

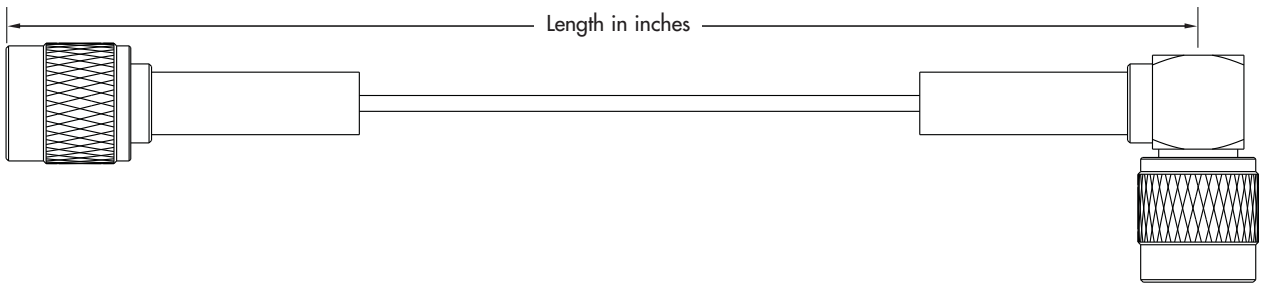
### N STRAIGHT PLUG TO N STRAIGHT PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 175101-07-XX.XX | RG-142/U | 172142 | 172142 | 50 Ohm |
| 175101-10-XX.XX | LMR 400 | 172102H243 | 172102H243 | 50 Ohm |
| 175101-17-XX.XX | LMR 200 | 172214 | 172214 | 50 Ohm |




### N STRAIGHT PLUG TO N RIGHT ANGLE PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 175103-07-XX.XX | RG-142/U | 172142 | 172178 | 50 Ohm |
| 175103-10-XX.XX | LMR 400 | 172102H243 | 172176 | 50 Ohm |

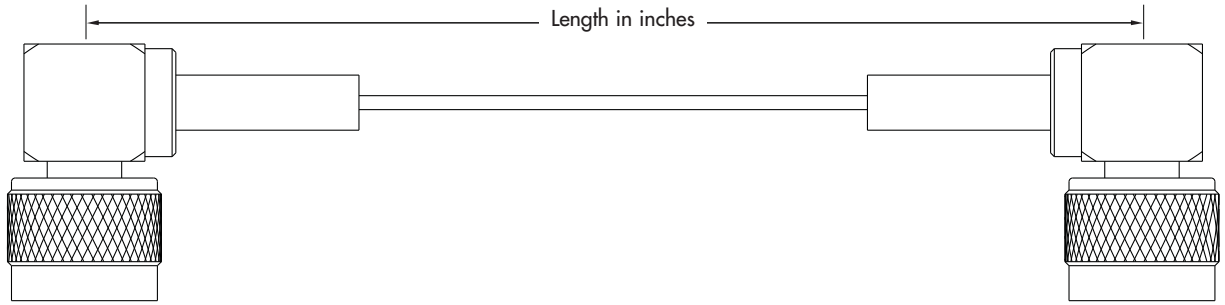





Additional options are available. See the Amphenol Connex website for our latest offering.

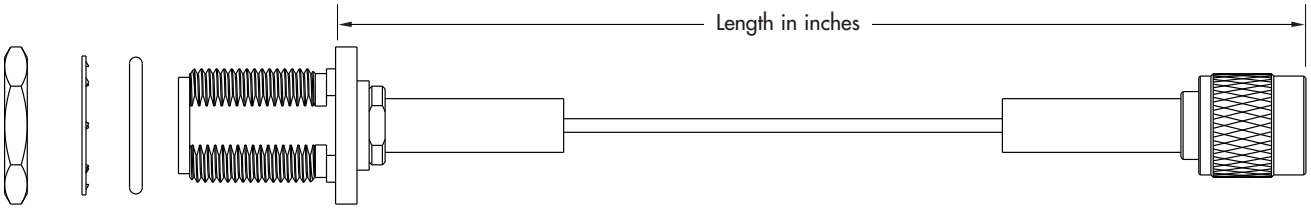
### N RIGHT ANGLE PLUG TO N RIGHT ANGLE PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 175104-07-XX.XX | RG-142/U | 172178 | 172178 | 50 Ohm |
| 175104-10-XX.XX | LMR 400 | 172176 | 172176 | 50 Ohm |



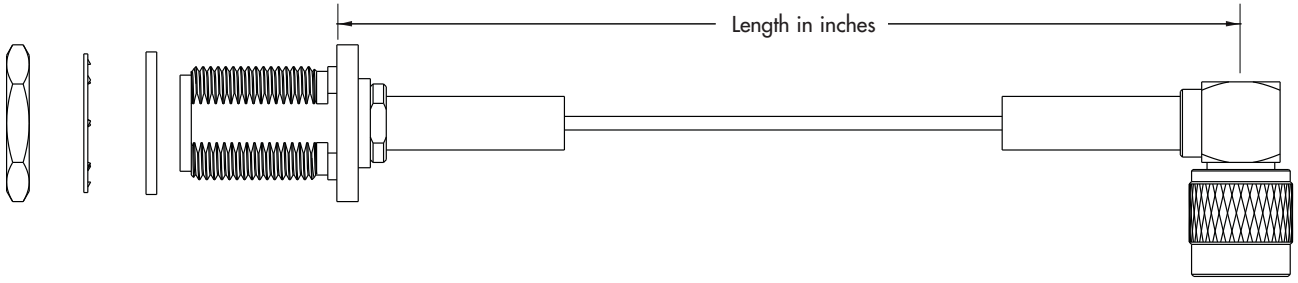

### N STRAIGHT PLUG TO N BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 175110-07-XX.XX | RG-142/U | 172132 | 172142 | 50 Ohm |
| 175110-10-XX.XX | LMR 400 | 172220 | 172102H243 | 50 Ohm |




### N RIGHT ANGLE PLUG TO N BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 175111-07-XX.XX | RG-142/U | 172132 | 172178 | 50 Ohm |
| 175111-10-XX.XX | LMR 400 | 172220 | 172176 | 50 Ohm |

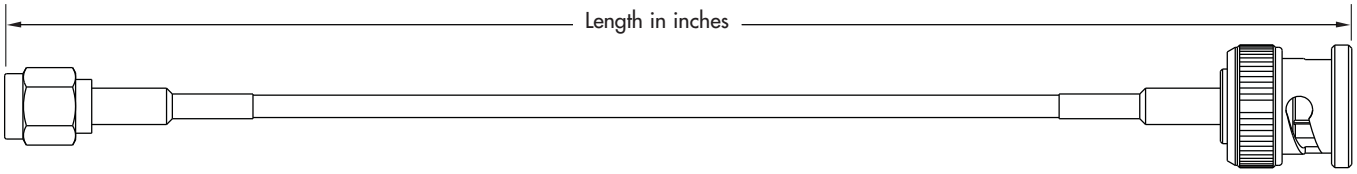



Additional options are available. See the Amphenol Connex website for our latest offering.

**Amphenol Connex Between Series Cable Assemblies** have different series connectors on each end. Combinations of different series along with different connector styles are offered in a variety of impedances that function at a variety of different frequencies. Each assembly is limited by the lower performing end. Standard lengths are 6, 12, 18, 24, 36, and 48 inches, and custom lengths may also be available. Heat shrink representation may vary.

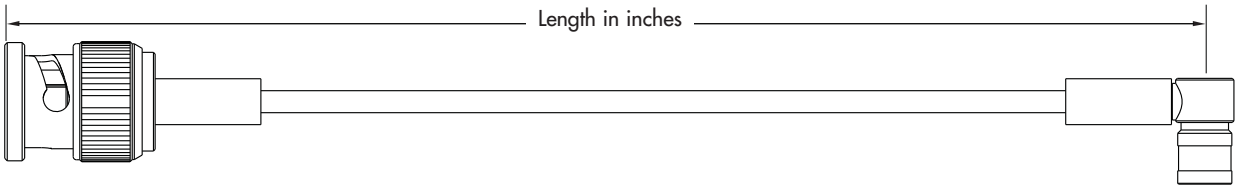
### BNC STRAIGHT PLUG TO SMA STRAIGHT PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 245101-01-XX.XX | RG-316/U | 132114 | 112132 | 50 Ohm |
| 245101-04-XX.XX | RG-58/U | 132113 | 112116 | 50 Ohm |
| 245101-07-XX.XX | RG-142/U | 132195 | 112514 | 50 Ohm |



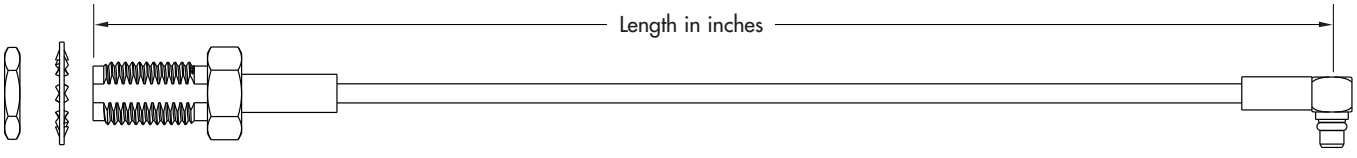

### BNC STRAIGHT PLUG TO SMB RIGHT ANGLE PLUG CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 245103-02-XX.XX | RG-174/U | 112132 | 142194 | 50 Ohm |
| 245103-05-XX.XX | RG-179/U | 112133 | 142194-75 | 75 Ohm |




### MMCX RIGHT ANGLE PLUG TO SMA BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 245106-02-XX.XX | RG-174/U | 132119 | 262103 | 50 Ohm |

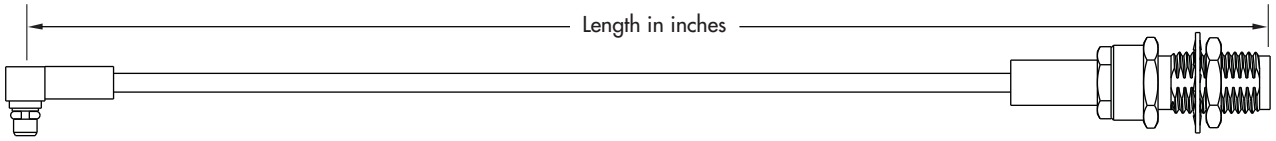





Additional options are available. See the Amphenol Connex website for our latest offering.

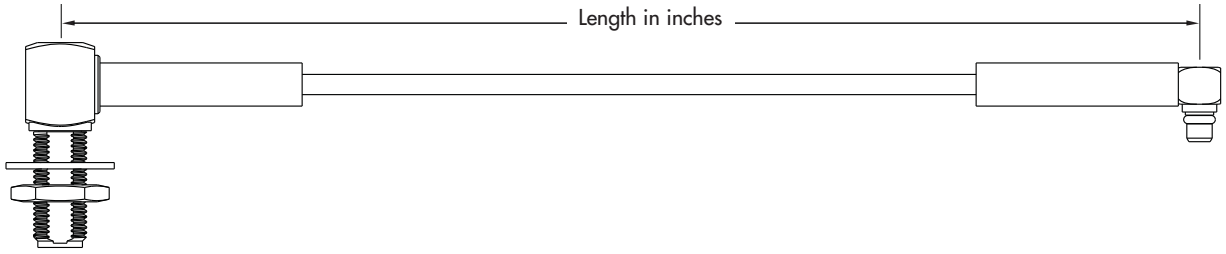
### MMCX RIGHT ANGLE PLUG TO SMA BULKHEAD JACK REVERSE POLARITY CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 245102-08-XX.XX | RG-178/U | 132220RP | 262102 | 50 Ohm |



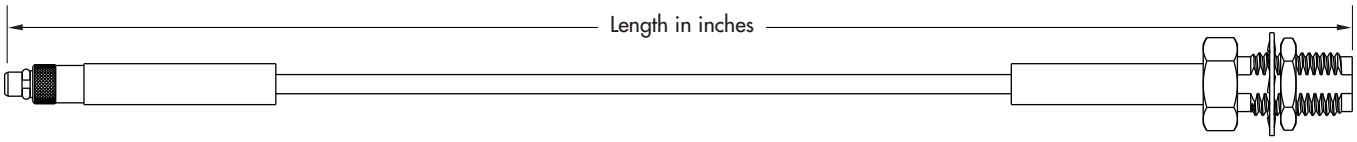

### MMCX RIGHT ANGLE PLUG TO SMA RIGHT ANGLE BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 245108-01-XX.XX | RG-316/U | 132245 | 262103 | 50 Ohm |
| 245108-02-XX.XX | RG-174/U | 132245 | 262103 | 50 Ohm |



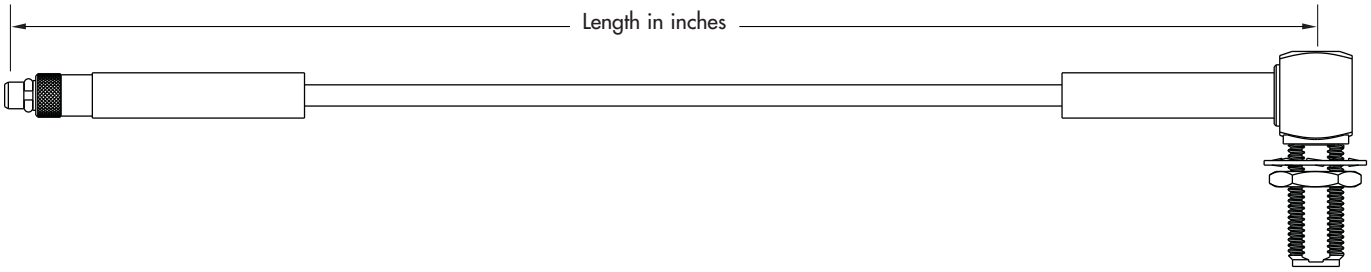

### MMCX STRAIGHT PLUG TO SMA BULKHEAD JACK CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 245107-02-XX.XX | RG-174/U | 132119 | 262101 | 50 Ohm |




### MMCX STRAIGHT PLUG TO SMA RIGHT ANGLE BULKHEAD JACK CABLE ASSEMBLIES

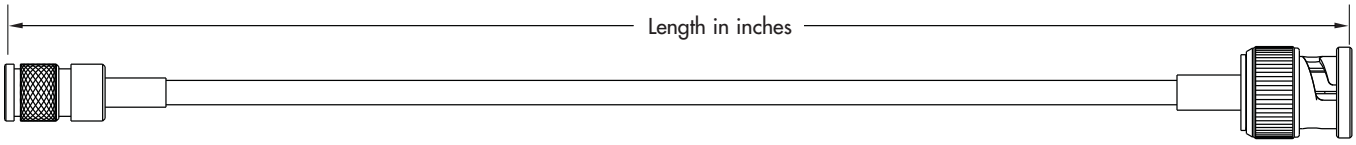
| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 245105-02-XX.XX | RG-174/U | 132245 | 262101 | 50 Ohm |



**Amphenol Connex True 75-OHM Between Series Cable Assemblies** have different series connectors on each end. Combinations of different series along with different connector styles all offer true 75-Ohm impedance. Standard lengths are 6, 12, 18, 24, 36, and 48 inches, and custom lengths may also be available. Heat shrink representation may vary.

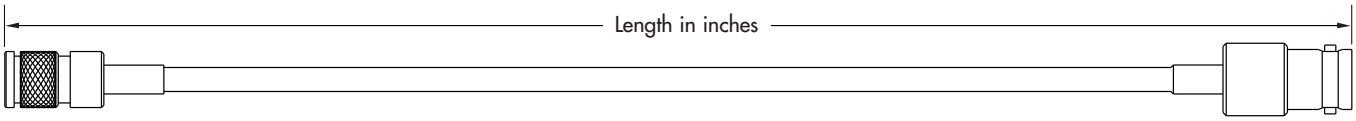
### 1.0/2.3 STRAIGHT PLUG TO BNC STRAIGHT PLUG TRUE 75 OHM CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 245903-09-XX.XX | B1855A | 282138-75 | 112955 | 75 Ohm |




### 1.0/2.3 STRAIGHT PLUG TO BNC STRAIGHT JACK ON BELDEN 1855A TRUE 75 OHM CABLE ASSEMBLIES

| Part Number | Cable Type | Connector 1 | Connector 2 | Impedance |
|---|---|---|---|---|
| 245904-09-XX.XX | B1855A | 282138-75 | 112989 | 75 Ohm |



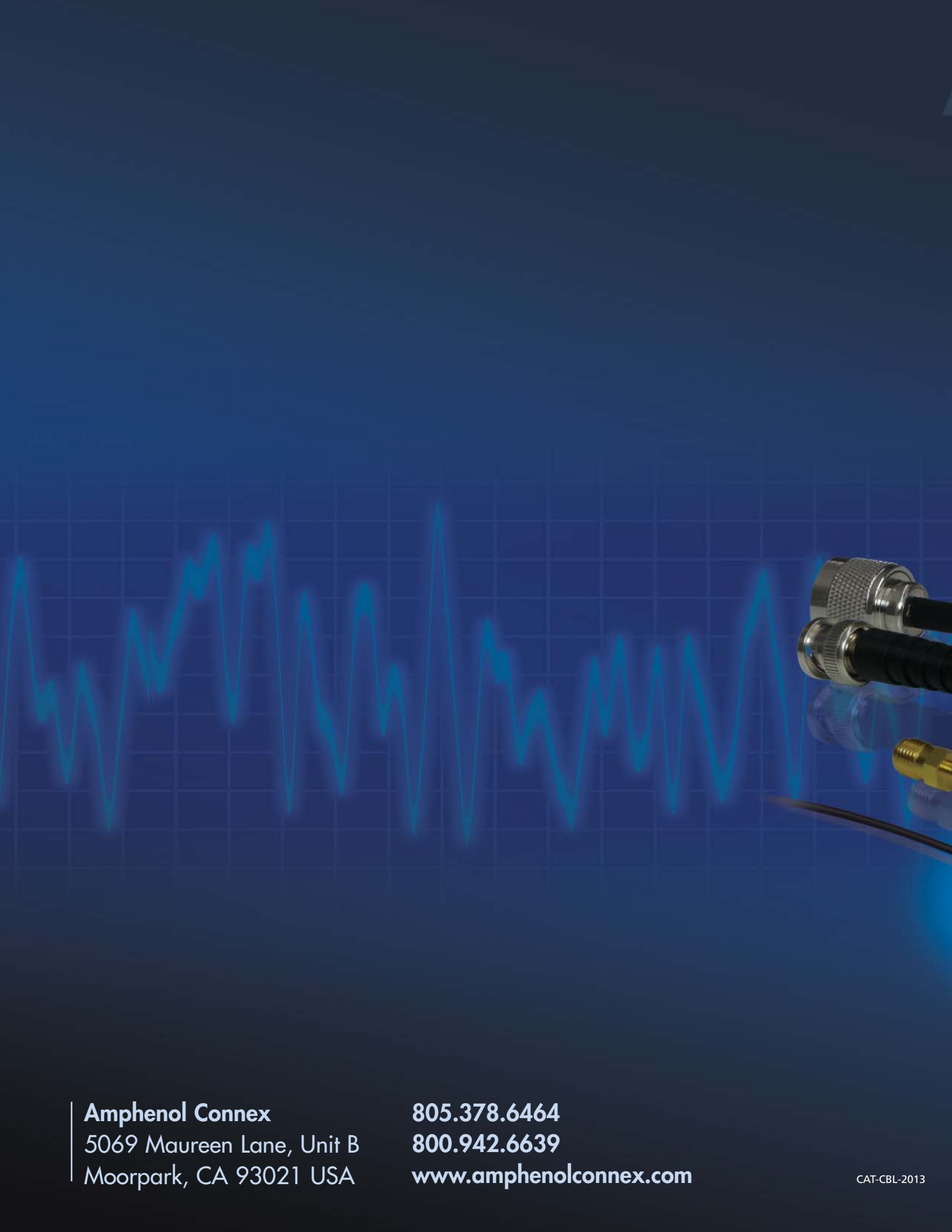



Additional options are available. See the Amphenol Connex website for our latest offering.

*Don't see a configuration that works for you? Amphenol Connex also offers custom cable assemblies using standard RF cable and Amphenol Connex connectors. Common uses for custom cable assemblies include; non-standard lengths, special labeling, testing, or packaging requirements. Please contact us for additional information.*

805.378.6464 800.942.6639
www.amphenolconnex.com

NOTES:



**Amphenol Connex**
5069 Maureen Lane, Unit B
Moorpark, CA 93021 USA

**805.378.6464**
**800.942.6639**
**www.amphenolconnex.com**

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