

# SMA, BNC, MMCX Cable Assemblies Utilizing RG-174 Cable

Introducing BNC Male to BNC Male, as well as BNC to SMA Male and BNC to SMB Female cable assemblies in longer lengths up to 2 meters as well as 120 inches. Reverse Polarity and Straight versions/ Bulkhead Jack and Plug versions of SMA to SMA and SMA to MMCX connectors in a number of standard and metric lengths. RG-174 offers a smaller diameter center conductor, more flexibility, and lower cost than RG316.

## Applications

- GPS module
- LAN route
- WAN system equipment



### BNC Male Plug to BNC Male Plug

| Part Number    | Cable Length |         | Cable Type | End A Series  | End A Shape | End B Series  | End B Shape |
|----------------|--------------|---------|------------|---------------|-------------|---------------|-------------|
| 415-0198-MM500 | -            | 500 mm  | RG-174     | BNC Male Plug | Straight    | BNC Male Plug | Straight    |
| 415-0198-036   | 36 inch      | -       | RG-174     | BNC Male Plug | Straight    | BNC Male Plug | Straight    |
| 415-0198-M1.0  | -            | 1000 mm | RG-174     | BNC Male Plug | Straight    | BNC Male Plug | Straight    |
| 415-0198-060   | 60 inch      | -       | RG-174     | BNC Male Plug | Straight    | BNC Male Plug | Straight    |
| 415-0198-M2.0  | -            | 2000 mm | RG-174     | BNC Male Plug | Straight    | BNC Male Plug | Straight    |
| 415-0198-120   | 120 inch     | -       | RG-174     | BNC Male Plug | Straight    | BNC Male Plug | Straight    |



### BNC Male Plug to SMA Male Plug

| Part Number    | Cable Length |         | Cable Type | End A Series  | End A Shape | End B Series  | End B Shape |
|----------------|--------------|---------|------------|---------------|-------------|---------------|-------------|
| 415-0199-MM500 | -            | 500 mm  | RG-174     | BNC Male Plug | Straight    | SMA Male Plug | Straight    |
| 415-0199-036   | 36 inch      | -       | RG-174     | BNC Male Plug | Straight    | SMA Male Plug | Straight    |
| 415-0199-M1.0  | -            | 1000 mm | RG-174     | BNC Male Plug | Straight    | SMA Male Plug | Straight    |
| 415-0199-060   | 60 inch      | -       | RG-174     | BNC Male Plug | Straight    | SMA Male Plug | Straight    |
| 415-0199-M2.0  | -            | 2000 mm | RG-174     | BNC Male Plug | Straight    | SMA Male Plug | Straight    |
| 415-0199-120   | 120 inch     | -       | RG-174     | BNC Male Plug | Straight    | SMA Male Plug | Straight    |



### BNC Straight Male Plug to SMB Straight Female Plug

| Part Number    | Cable Length |         | Cable Type | End A Series  | End A Shape | End B Series    | End B Shape |
|----------------|--------------|---------|------------|---------------|-------------|-----------------|-------------|
| 415-0200-MM500 | -            | 500 mm  | RG-174     | BNC Male Plug | Straight    | SMB Female Plug | Straight    |
| 415-0200-036   | 36 inch      | -       | RG-174     | BNC Male Plug | Straight    | SMB Female Plug | Straight    |
| 415-0200-M1.0  | -            | 1000 mm | RG-174     | BNC Male Plug | Straight    | SMB Female Plug | Straight    |
| 415-0200-060   | 60 inch      | -       | RG-174     | BNC Male Plug | Straight    | SMB Female Plug | Straight    |
| 415-0200-M2.0  | -            | 2000 mm | RG-174     | BNC Male Plug | Straight    | SMB Female Plug | Straight    |
| 415-0200-120   | 120 inch     | -       | RG-174     | BNC Male Plug | Straight    | SMB Female Plug | Straight    |



### Reverse Polarity SMA Bulkhead Jack to Reverse Polarity SMA Plug

| Part Number    | Cable Length |         | Cable Type | End A Series | End A Shape | End B Series | End B Shape |
|----------------|--------------|---------|------------|--------------|-------------|--------------|-------------|
| 415-0201-MM75  | -            | 75 mm   | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |
| 415-0201-MM100 | -            | 100 mm  | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |
| 415-0201-006   | 6 inch       | -       | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |
| 415-0201-MM200 | -            | 200 mm  | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |
| 415-0201-012   | 12 inch      | -       | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |
| 415-0201-MM500 | -            | 500 mm  | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |
| 415-0201-024   | 24 inch      | -       | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |
| 415-0201-036   | 36 inch      | -       | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |
| 415-0201-M1.0  | -            | 1000 mm | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |
| 415-0201-060   | 60 inch      | -       | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |



### SMA Straight Plug to MMCX Straight Plug

| Part Number    | Cable Length |         | Cable Type | End A Series | End A Shape | End B Series | End B Shape |
|----------------|--------------|---------|------------|--------------|-------------|--------------|-------------|
| 415-0202-MM75  | -            | 75 mm   | RG-174     | SMA          | Straight    | MMCX         | Straight    |
| 415-0202-MM100 | -            | 100 mm  | RG-174     | SMA          | Straight    | MMCX         | Straight    |
| 415-0202-006   | 6 inch       | -       | RG-174     | SMA          | Straight    | MMCX         | Straight    |
| 415-0202-MM200 | -            | 200 mm  | RG-174     | SMA          | Straight    | MMCX         | Straight    |
| 415-0202-012   | 12 inch      | -       | RG-174     | SMA          | Straight    | MMCX         | Straight    |
| 415-0202-MM500 | -            | 500 mm  | RG-174     | SMA          | Straight    | MMCX         | Straight    |
| 415-0202-024   | 24 inch      | -       | RG-174     | SMA          | Straight    | MMCX         | Straight    |
| 415-0202-036   | 36 inch      | -       | RG-174     | SMA          | Straight    | MMCX         | Straight    |
| 415-0202-M1.0  | -            | 1000 mm | RG-174     | SMA          | Straight    | MMCX         | Straight    |
| 415-0202-060   | 60 inch      | -       | RG-174     | SMA          | Straight    | MMCX         | Straight    |



### SMA Bulkhead Jack to Straight MMCX Plug

| Part Number    | Cable Length |         | Cable Type | End A Series | End A Shape | End B Series | End B Shape |
|----------------|--------------|---------|------------|--------------|-------------|--------------|-------------|
| 415-0203-MM75  | -            | 75 mm   | RG-174     | SMA          | Bulkhead    | MMCX         | Straight    |
| 415-0203-MM100 | -            | 100 mm  | RG-174     | SMA          | Bulkhead    | MMCX         | Straight    |
| 415-0203-006   | 6 inch       | -       | RG-174     | SMA          | Bulkhead    | MMCX         | Straight    |
| 415-0203-MM200 | -            | 200 mm  | RG-174     | SMA          | Bulkhead    | MMCX         | Straight    |
| 415-0203-012   | 12 inch      | -       | RG-174     | SMA          | Bulkhead    | MMCX         | Straight    |
| 415-0203-MM500 | -            | 500 mm  | RG-174     | SMA          | Bulkhead    | MMCX         | Straight    |
| 415-0203-024   | 24 inch      | -       | RG-174     | SMA          | Bulkhead    | MMCX         | Straight    |
| 415-0203-036   | 36 inch      | -       | RG-174     | SMA          | Bulkhead    | MMCX         | Straight    |
| 415-0203-M1.0  | -            | 1000 mm | RG-174     | SMA          | Bulkhead    | MMCX         | Straight    |
| 415-0203-060   | 60 inch      | -       | RG-174     | SMA          | Bulkhead    | MMCX         | Straight    |



### SMA Straight Plug to SMA Straight Plug

| Part Number    | Cable Length |         | Cable Type | End A Series | End A Shape | End B Series | End B Shape |
|----------------|--------------|---------|------------|--------------|-------------|--------------|-------------|
| 415-0204-MM75  | -            | 75 mm   | RG-174     | SMA          | Straight    | SMA          | Straight    |
| 415-0204-MM100 | -            | 100 mm  | RG-174     | SMA          | Straight    | SMA          | Straight    |
| 415-0204-006   | 6 inch       | -       | RG-174     | SMA          | Straight    | SMA          | Straight    |
| 415-0204-MM200 | -            | 200 mm  | RG-174     | SMA          | Straight    | SMA          | Straight    |
| 415-0204-012   | 12 inch      | -       | RG-174     | SMA          | Straight    | SMA          | Straight    |
| 415-0204-MM500 | -            | 500 mm  | RG-174     | SMA          | Straight    | SMA          | Straight    |
| 415-0204-024   | 24 inch      | -       | RG-174     | SMA          | Straight    | SMA          | Straight    |
| 415-0204-036   | 36 inch      | -       | RG-174     | SMA          | Straight    | SMA          | Straight    |
| 415-0204-M1.0  | -            | 1000 mm | RG-174     | SMA          | Straight    | SMA          | Straight    |
| 415-0204-060   | 60 inch      | -       | RG-174     | SMA          | Straight    | SMA          | Straight    |



### SMA Bulkhead Jack to Straight SMA Plug

| Part Number    | Cable Length |         | Cable Type | End A Series | End A Shape | End B Series | End B Shape |
|----------------|--------------|---------|------------|--------------|-------------|--------------|-------------|
| 415-0205-MM75  | -            | 75 mm   | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |
| 415-0205-MM100 | -            | 100 mm  | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |
| 415-0205-006   | 6 inch       | -       | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |
| 415-0205-MM200 | -            | 200 mm  | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |
| 415-0205-012   | 12 inch      | -       | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |
| 415-0205-MM500 | -            | 500 mm  | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |
| 415-0205-024   | 24 inch      | -       | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |
| 415-0205-036   | 36 inch      | -       | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |
| 415-0205-060   | -            | 1000 mm | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |
| 415-0205-060   | 60 inch      | -       | RG-174     | SMA          | Bulkhead    | SMA          | Straight    |



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