

## #16 Coaxial Contacts

### Coaxial Cable - Contact Monocrimp and Multipiece

| Cable type                    | Impe-<br>dance | Contact<br>type | Ø over<br>jacket |          | Ø over<br>dielectric |       | Inner<br>cond<br>size<br><br>Ext.<br>Ø<br>inch | Ø outer braid |          | Male contact kit<br>for coaxial cable | Female contact kit<br>for coaxial cable |
|-------------------------------|----------------|-----------------|------------------|----------|----------------------|-------|------------------------------------------------|---------------|----------|---------------------------------------|-----------------------------------------|
|                               |                |                 | inch             | mm       | inch                 | mm    |                                                | inch          | mm       |                                       |                                         |
| RG161/U                       | 75             | Multi<br>piece  | 0.090"           | 2.29     | 0.057"               | 1.45  | -                                              | -             | -        | RMDXK10D28                            | RCDXK1D28                               |
| RG179A/U                      | 75             |                 | 0.105"           | 2.67     | 0.063"               | 1.6   | 0.011"                                         | 0.084"        | 2.13 max |                                       |                                         |
| RG179B/U                      | 75             |                 | 0.105"           | 2.67     | 0.063"               | 1.6   | 0.011"                                         | 0.084"        | 2.13 max |                                       |                                         |
| RG187/U                       | 75             |                 | 0.109"           | 2.79 max | 0.059"               | 1.52  | 0.011"                                         |               |          |                                       |                                         |
| RG188/U                       | 50             |                 | 0.109"           | 2.79 max | 0.059"               | 1.52  | 0.020"                                         | 0.078"        | 1.98 max |                                       |                                         |
| RG174/U                       | 50             |                 | 0.114"           | 2.92     | 0.059"               | 1.52  | 0.018"                                         | 0.088"        | 2.24 max |                                       |                                         |
| AMPHENOL 21-598               | 50             |                 | 0.105"           | 2.67     | 0.059"               | 1.52  | 0.018"                                         | -             | -        |                                       |                                         |
| RG196/U                       | 50             |                 | 0.079"           | 2.03 max | 0.034"               | 0.086 | 0.011"                                         | -             | -        |                                       |                                         |
| RG178A/U                      | 50             |                 | 0.075"           | 1.91     | 0.034"               | 0.86  | 0.011"                                         | 0.054"        | 1.37 max |                                       |                                         |
| RG/188A/U                     | 50             | Mono<br>crimp   | 0.110"           | 2.79     | 0.059"               | 1.52  | 0.020"                                         | 0.078"        | 1.98 max | RMDX6036D28                           | RCDX6036D28                             |
| KX21TVT (europe)<br>RG178 B/U | 50             |                 | 0.075"           | 1.91     | 0.034"               | 0.86  | 0.011"                                         | 0.054"        | 1.37 max | RMDX6034D28                           | RCDX6034D28                             |
| RG178 / BU                    | 50             |                 | 0.075"           | 1.91     | 0.034"               | 0.86  | 0.011"                                         | 0.054"        | 1.37 max | RMDX6050D28                           | RCDX6016D28                             |
| RG174/U                       | 50             |                 | 0.115"           | 2.92     | 0.059"               | 1.52  | 0.018"                                         | 0.088"        | 2.24 max | RMDX6032D28                           | RCDX6032D28                             |
| RG188A/U                      | 50             |                 | 0.109"           | 2.79     | 0.059"               | 1.52  | 0.020"                                         | 0.078"        | 1.98 max | RMDX6036D28                           | RCDX6036D28                             |
| RG316/U                       | 50             |                 | 0.107"           | 2.72     | 0.06"                | 1.52  | 0.020"                                         | 0.078"        | 2.05 max | RMDX6036D28                           | RCDX6036D28                             |
| raychem 5024A3111             | 50             |                 | 0.120"           | 3.05     | 0.083"               | 2.11  | 0.025"                                         | 0.097"        | 2.46     | RMDX6052D28                           | RCDX6052D28                             |
| raychem 5026e1614             | 50             |                 | 0.083"           | 2.11     | 0.050"               | 1.27  | 0.018"                                         | 0.067"        | 1.7      | RMDX6036D28                           | RCDX6036D28                             |
| surprenant pn 8134            | -              | Multi<br>piece  | 0.100"           | 2.54     | 0.058"               | 1.47  | 0.011"                                         | -             | -        | RMDXK10D28                            | RCDXK1D28                               |
| PRD PN 247AS-<br>C1123-001    | -              | Mono<br>crimp   | 0.103"           | 2.62     | 0.059"               | 1.52  | 0.020"                                         | 0.078"        | 1.98     | RMDX6018D28                           | RCDX6018D28                             |
| PRD PN 247AS-C1251            | -              |                 | 0.092"           | 2.34     | 0.050"               | 1.27  | 0.025"                                         | 0.067"        | 1.7      | RMDX6018D28                           | RCDX6018D28                             |
| JUDD C15013010902             | -              |                 | 0.087"           | 2.13     | 0.050"               | 1.27  | 0.018"                                         | 0.066"        | 1.67     | RMDX6036D28                           | RCDX6036D28                             |
| CDC PIN22939200               | -              |                 | 0.090"           | 2.29     | 0.048"               | 1.22  | 0.011"                                         | 0.064"        | 1.63     | RMDX6046D28                           | RCDX6016D28                             |
| CDC PIN22939200               | -              |                 | 0.090"           | 2.29     | 0.048"               | 1.22  | 0.011"                                         | 0.064"        | 1.63     | RMDX6050D28                           | RCDX6016D28                             |
| CDC PIN245670000              | -              |                 | 0.104"           | 2.64     | 0.067"               | 1.7   | 0.011"                                         | 0.083"        | 2.11     | RMDX6050D28                           | RCDX6016D28                             |
| ampex                         | -              |                 | 0.114"           | 2.9      | 0.075"               | 1.91  | 0.014"                                         | 0.090"        | 1.29     | RMDX6032D28                           | RCDX6032D28                             |
| TI PN 920580                  | -              |                 | 0.70"            | 1.78     | 0.038"               | 0.96  | 0.018"                                         | 0.054"        | 1.37     | RMDX6024D28                           | RCDX6024D28                             |
| Honeywell PN 58000062         | -              |                 | 0.120"           | 3.05     | 0.077"               | 1.96  | 0.016"<br>solid                                | 0.096"        | 2.44     | RMDX6026D28                           | RCDX6026D28                             |
| -                             | -              |                 | 0.104"           | 2.64     | 0.067"               | 1.7   | 0.011"                                         | -             | 2.11     | RMDX6050D28                           | -                                       |
| -                             | -              |                 | 0.090"           | 2.29     | 0.048"               | 1.22  | 0.011"                                         | -             | 1.63     | RMDX6050D28                           | -                                       |
| -                             | -              |                 | 0.114"           | 2.9      | 0.075"               | 1.91  | 0.014"                                         | -             | 1.29     | RMDX6032D28                           | RCDX6032D28                             |
| -                             | -              |                 | 0.070"           | 1.78     | 0.038"               | 0.96  | 0.018"                                         | -             | 1.37     | RMDX6024D28                           | RCDX6024D28                             |
| -                             | -              |                 | 0.120"           | 3.05     | 0.077"               | 1.96  | 0.016"                                         | -             | 2.44     | RMDX6026D28                           | RCDX6026D28                             |

# #16 Coaxial Contacts (Continued)

## Coax Cable with Monocrimp Contact Cabling

| Cable reference                     | Male contact | Female contact | Crimp tool | Die set                                                      | Stop bushing | Cable strip length |        |        | Inner conductor crimp |               | Braid crimp   |               |
|-------------------------------------|--------------|----------------|------------|--------------------------------------------------------------|--------------|--------------------|--------|--------|-----------------------|---------------|---------------|---------------|
|                                     |              |                |            |                                                              |              | A                  | B      | C      | g dim                 | t dim         | g dim         | t dim         |
| CDC PIN22939200                     | RMDX6046D28  | RCDX6016D28    | M10S1J     | S80                                                          | SL105        | 0.164"             | 0.235" | 0.335" | 0.051"/0.046"         | 0.055"/0.048" | 0.109"/0.103" | 0.118"/0.111" |
| CDC PIN22939200                     | RMDX6046D28  | RCDX6016D28    |            | S87                                                          | SL105        | 0.200"             | 0.250" | 0.350" | 0.051"/0.046"         | 0.055"/0.048" | 0.109"/0.103" | 0.118"/0.111" |
| CDC PIN245670000                    | RMDX6050D28  | RCDX6016D28    |            | S80                                                          | SL105        | 0.200"             | 0.250" | 0.350" | 0.051"/0.046"         | 0.055"/0.048" | 0.116"/0.111" | 0.122"/0.116" |
| KX21TVT (europe)<br>RG178 B/U       | RMDX6034D28  | RCDX6034D28    |            | S82                                                          | SL105        | 0.200"             | 0.250" | 0.350" | 0.051"/0.046"         | 0.051"/0.046" | 0.111"/0.107" | 0.120"/0.114" |
| RG178 / BU                          | RMDX6050D28  | RCDX6016D28    |            | S87                                                          | SL105        | 0.200"             | 0.250" | 0.350" | 0.051"/0.046"         | 0.055"/0.048" | 0.109"/0.103" | 0.118"/0.111" |
| ampex                               | RMDX6032D28  | RCDX6032D28    |            | S80                                                          | SL105        | 0.200"             | 0.250" | 0.459" | 0.051"/0.046"         | 0.055"/0.048" | 0.116"/0.111" | 0.122"/0.116" |
| TI PN 920580                        | RMDX6024D28  | RCDX6024D28    |            | S82                                                          | SL105        | 0.200"             | 0.250" | 0.350" | 0.053"/0.046"         | 0.056"/0.050" | 0.112"/0.107" | 0.120"/0.114" |
| RG174/U                             | RMDX6032D28  | RCDX6032D28    |            | S80                                                          | SL105        | 0.200"             | 0.250" | 0.459" | 0.051"/0.046"         | 0.055"/0.048" | 0.116"/0.111" | 0.122"/0.116" |
| Honeywell PN 58000062               | RMDX6026D28  | RCDX6026D28    |            | S82                                                          | SL105        | 0.200"             | 0.250" | 0.350" | 0.053"/0.046"         | 0.056"/0.050" | 0.112"/0.107" | 0.120"/0.114" |
| RG188A/U                            | RMDX6036D28  | RCDX6036D28    |            | S80                                                          | SL105        | 0.200"             | 0.250" | 0.459" | 0.051"/0.046"         | 0.055"/0.048" | 0.116"/0.111" | 0.122"/0.116" |
| RG316/U                             | RMDX6036D28  | RCDX6036D28    |            | S80                                                          | SL105        | 0.200"             | 0.250" | 0.459" | 0.051"/0.046"         | 0.055"/0.048" | 0.116"/0.111" | 0.122"/0.116" |
| PRD PN<br>247AS-C1123-001           | RMDX6018D28  | RCDX6018D28    |            | M10SG8 ASSY'Y<br>TOOL DIE SET<br>STOP BUSHING<br>M10S1J TOOL |              | 0.200"             | 0.250" | 0.350" | 0.048"/0.046"         | 0.053"/0.048" | 0.114"/0.109" | 0.122"/0.116" |
| PRD PN 247AS-C1251                  | RMDX6018D28  | RCDX6018D28    |            |                                                              |              | 0.200"             | 0.250" | 0.350" | 0.048"/0.046"         | 0.053"/0.048" | 0.114"/0.109" | 0.122"/0.116" |
| raychem 5024A3111                   | RMDX6052D28  | RCDX6052D28    |            | S88                                                          | SL105        | 0.200"             | 0.250" | 0.459" | 0.053"/0.050"         | 0.057"/0.051" | 0.114"/0.109" |               |
| raychem 5026e1614                   | RMDX6036D28  | RCDX6036D28    |            | M10SG8 ASSY'Y<br>TOOL DIE SET<br>STOP BUSHING<br>M10S1J TOOL |              | 0.200"             | 0.250" | 0.350" | 0.048"/0.046"         | 0.053"/0.048" | 0.114"/0.109" | 0.122"/0.116" |
| JUDD C15013010902                   | RMDX6036D28  | RCDX6036D28    |            |                                                              |              | 0.200"             | 0.250" | 0.350" | 0.048"/0.046"         | 0.053"/0.048" | 0.114"/0.109" | 0.122"/0.116" |
| inner cond. #30,<br>braid diam 2.64 | RMDX6050D28  | -              |            | S80                                                          | SL105        | 0.200"             | 0.250" | 0.350" | -                     | -             | -             | -             |
| inner cond. #30,<br>braid diam 2.29 | RMDX6050D28  | -              |            | S87                                                          | SL105        | 0.165"             | 0.250" | 0.334" | -                     | -             | -             | -             |
| inner cond. #28,<br>braid diam 2.9  | RMDX6032D28  | RCDX6032D28    |            | S80                                                          | SL105        | 0.200"             | 0.250" | 0.460" | -                     | -             | -             | -             |
| inner cond. #26,<br>braid diam 1.78 | RMDX6024D28  | RCDX6024D28    |            | S82                                                          | SL105        | 0.200"             | 0.250" | 0.350" | -                     | -             | -             | -             |
| inner cond. #26,<br>braid diam 3.05 | RMDX6026D28  | RCDX6026D28    |            | S82                                                          | SL105        | 0.200"             | 0.250" | 0.350" | -                     | -             | -             | -             |

- Select appropriate cable and contact combination.
- Select appropriate crimp tooling (hand tool, S-die set, stop bushing).
- Strip coax cable to the designated wire strip lengths.
- Insert the stripped coax into the rear of the contact.
- Crimp the contact.

Cable strip length

