

| Item # | Description | 1-9 | 10-24 | 25-99 | 100-249 | 250-499 |
|--------|-------------|-----|-------|-------|---------|---------|
|--------|-------------|-----|-------|-------|---------|---------|

RG142B/U - 50 Ohm Coaxial Cables, Double Shielded, Hi-Temperature (200°C) with BNC Plugs

RG142B/U - 50 Ohm Hi-Temperature Coaxial Cables with BNC terminations have double braided shields for better shielding as well as TFE (Tetrafluoroethylene) dielectric and FEP (Fluorinated Ethylene-Propylene) jacket for their flame proof characteristics.

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|--------------------------------|--|-----------------------------------|----------|---------|
| <p>50 Ohm Impedance</p> | <p>RG142B/U</p> <ul style="list-style-type: none"> Center Conductor: 18 AWG solid 0.037 silver coated copper Shielding: 2 silver coated copper braids (96% coverage) Insulation: TFE Teflon Jacket: Brown FEP Operating Temperature: -70°C - +200°C VW-1 vertical flame test compliant | <p>NOMINAL ATTENUATION</p> | | |
| | | MHz | db/100ft | db/100m |
| | | 50 | 2.7 | 8.9 |
| 100 | 3.9 | 12.8 | | |
| 200 | 5.6 | 18.4 | | |
| 400 | 8.2 | 26.9 | | |
| 1000 | 13.5 | 44.3 | | |

RoHS RG142B/U - 50 Ohm Double Shielded Cable with Two Inline BNC Plugs

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|------------|--|--------|--------|--------|--------|--------|
| CC142B-1 | RG142B Cable, BNC Male / Male, 1.0ft (0.3m) | 14.85 | 14.26 | 13.66 | 13.07 | 12.47 |
| CC142B-1.5 | RG142B Cable, BNC Male / Male, 1.5ft (0.5m) | 15.65 | 15.02 | 14.40 | 13.77 | 13.15 |
| CC142B-2 | RG142B Cable, BNC Male / Male, 2.0ft (0.6m) | 16.45 | 15.79 | 15.13 | 14.48 | 13.82 |
| CC142B-2.5 | RG142B Cable, BNC Male / Male, 2.5ft (0.8m) | 17.25 | 16.56 | 15.87 | 15.18 | 14.49 |
| CC142B-3 | RG142B Cable, BNC Male / Male, 3.0ft (0.9m) | 18.05 | 17.33 | 16.61 | 15.88 | 15.16 |
| CC142B-4 | RG142B Cable, BNC Male / Male, 4.0ft (1.2m) | 19.65 | 18.86 | 18.08 | 17.29 | 16.51 |
| CC142B-5 | RG142B Cable, BNC Male / Male, 5.0ft (1.5m) | 21.25 | 20.40 | 19.55 | 18.70 | 17.85 |
| CC142B-6 | RG142B Cable, BNC Male / Male, 6.0ft (1.8m) | 22.85 | 21.94 | 21.02 | 20.11 | 19.19 |
| CC142B-7.5 | RG142B Cable, BNC Male / Male, 7.5ft (2.3m) | 25.25 | 24.24 | 23.23 | 22.22 | 21.21 |
| CC142B-10 | RG142B Cable, BNC Male / Male, 10.0ft (3.0m) | 29.25 | 28.08 | 26.91 | 25.74 | 24.57 |
| CC142B-15 | RG142B Cable, BNC Male / Male, 15.0ft (4.6m) | 37.25 | 35.76 | 34.27 | 32.78 | 31.29 |
| CC142B-25 | RG142B Cable, BNC Male / Male, 25.0ft (7.6m) | 53.25 | 51.12 | 48.99 | 46.86 | 44.73 |
| CC142B-50 | RG142B Cable, BNC Male / Male, 50.0ft (15.2m) | 93.25 | 89.52 | 85.79 | 82.06 | 78.33 |
| CC142B-75 | RG142B Cable, BNC Male / Male, 75.0ft (22.9m) | 133.25 | 127.92 | 122.59 | 117.26 | 111.93 |
| CC142B-100 | RG142B Cable, BNC Male / Male, 100.0ft (30.5m) | 173.25 | 166.32 | 159.39 | 152.46 | 145.53 |

RG213/U - Low Attenuation, High Voltage 50 Ohm Cable with TNC, Type N and BNC Plugs

RG213/U is a commonly used flexible coaxial cable with low attenuation characteristics and a maximum operating voltage of 5000 volts RMS. Offered with TNC, Type N and BNC plugs in eight standard lengths. Custom lengths and connector combinations are available with modest minimums.

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|--------------------------------|---|-----------------------------------|----------|---------|
| <p>50 Ohm Impedance</p> | <p>RG213/U</p> <ul style="list-style-type: none"> Center Conductor: 13 AWG (7 x .0296) bare copper Shielding: Bare copper braids (96% coverage) Insulation: Solid polyethylene Jacket: Black PVC Operating Temperature: -40°C - +80°C | <p>NOMINAL ATTENUATION</p> | | |
| | | MHz | db/100ft | db/100m |
| | | 50 | 1.3 | 4.3 |
| 100 | 1.9 | 6.2 | | |
| 200 | 2.7 | 8.9 | | |
| 400 | 4.1 | 13.4 | | |
| 1000 | 8.0 | 26.2 | | |
| 4000 | 21.5 | 70.5 | | |

RoHS RG213/U - 50 Ohm Low Attenuation Cable with Two Inline TNC Plugs

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|------------|---|--------|--------|-------|-------|-------|
| CC213T-5 | RG213 Cable, TNC Male / Male, 5.0ft (1.5m) | 18.25 | 17.52 | 16.79 | 16.06 | 15.33 |
| CC213T-10 | RG213 Cable, TNC Male / Male, 10.0ft (3.0m) | 22.00 | 21.12 | 20.24 | 19.36 | 18.48 |
| CC213T-15 | RG213 Cable, TNC Male / Male, 15.0ft (4.6m) | 25.75 | 24.72 | 23.69 | 22.66 | 21.63 |
| CC213T-25 | RG213 Cable, TNC Male / Male, 25.0ft (7.6m) | 33.25 | 31.92 | 30.59 | 29.26 | 27.93 |
| CC213T-50 | RG213 Cable, TNC Male / Male, 50.0ft (15.2m) | 52.00 | 49.92 | 47.84 | 45.76 | 43.68 |
| CC213T-75 | RG213 Cable, TNC Male / Male, 75.0ft (22.9m) | 70.75 | 67.92 | 65.09 | 62.26 | 59.43 |
| CC213T-100 | RG213 Cable, TNC Male / Male, 100.0ft (30.5m) | 89.50 | 85.92 | 82.34 | 78.76 | 75.18 |
| CC213T-125 | RG213 Cable, TNC Male / Male, 125.0ft (38.1m) | 108.25 | 103.92 | 99.59 | 95.26 | 90.93 |

RoHS RG213/U - 50 Ohm Coaxial Cables with Two Inline Type N Plugs

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|-----------|--|--------|--------|-------|-------|-------|
| CC213-5 | RG213 Cable, Type N Male / Male, 5.0ft (1.5m) | 18.25 | 17.52 | 16.79 | 16.06 | 15.33 |
| CC213-10 | RG213 Cable, Type N Male / Male, 10.0ft (3.0m) | 22.00 | 21.12 | 20.24 | 19.36 | 18.48 |
| CC213-15 | RG213 Cable, Type N Male / Male, 15.0ft (4.6m) | 25.75 | 24.72 | 23.69 | 22.66 | 21.63 |
| CC213-25 | RG213 Cable, Type N Male / Male, 25.0ft (7.6m) | 33.25 | 31.92 | 30.59 | 29.26 | 27.93 |
| CC213-50 | RG213 Cable, Type N Male / Male, 50.0ft (15.2m) | 52.00 | 49.92 | 47.84 | 45.76 | 43.68 |
| CC213-75 | RG213 Cable, Type N Male / Male, 75.0ft (22.9m) | 70.75 | 67.92 | 65.09 | 62.26 | 59.43 |
| CC213-100 | RG213 Cable, Type N Male / Male, 100.0ft (30.5m) | 89.50 | 85.92 | 82.34 | 78.76 | 75.18 |
| CC213-125 | RG213 Cable, Type N Male / Male, 125.0ft (38.1m) | 108.25 | 103.92 | 99.59 | 95.26 | 90.93 |

RoHS RG213/U - 50 Ohm Low Attenuation Cable with Two Inline BNC Plugs

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|------------|---|--------|--------|-------|-------|-------|
| CC213B-5 | RG213 Cable, BNC Male / Male, 5.0ft (1.5m) | 17.50 | 16.80 | 16.10 | 15.40 | 14.70 |
| CC213B-10 | RG213 Cable, BNC Male / Male, 10.0ft (3.0m) | 21.25 | 20.40 | 19.55 | 18.70 | 17.85 |
| CC213B-15 | RG213 Cable, BNC Male / Male, 15.0ft (4.6m) | 25.00 | 24.00 | 23.00 | 22.00 | 21.00 |
| CC213B-25 | RG213 Cable, BNC Male / Male, 25.0ft (7.6m) | 32.50 | 31.20 | 29.90 | 28.60 | 27.30 |
| CC213B-50 | RG213 Cable, BNC Male / Male, 50.0ft (15.2m) | 51.25 | 49.20 | 47.15 | 45.10 | 43.05 |
| CC213B-75 | RG213 Cable, BNC Male / Male, 75.0ft (22.9m) | 70.00 | 67.20 | 64.40 | 61.60 | 58.80 |
| CC213B-100 | RG213 Cable, BNC Male / Male, 100.0ft (30.5m) | 88.75 | 85.20 | 81.65 | 78.10 | 74.55 |
| CC213B-125 | RG213 Cable, BNC Male / Male, 125.0ft (38.1m) | 107.50 | 103.20 | 98.90 | 94.60 | 90.30 |



CC142B



CC142B



CC213



CC213B

Solid vs stranded center conductors

Online Video

L-com.com/Videos/A19

Solid center conductor

Stranded center conductor

In coaxial cable there is a trade off in center conductor construction. A solid center conductor will give the best attenuation performance but will be somewhat stiff, while a stranded center conductor will be more flexible but have slightly higher attenuation.

We answer your technical questions
 See a complete list of frequently asked questions at L-com.com/FAQS

