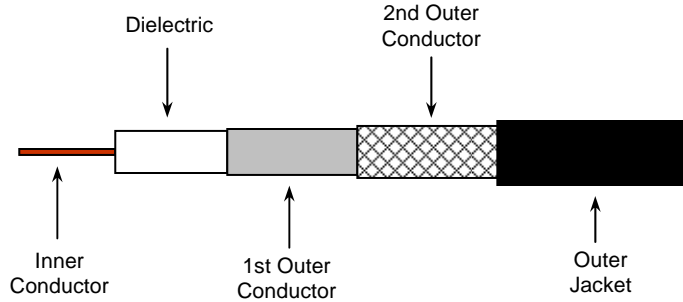


Series 240 Low-Loss Coaxial Cable

Type : LMR-240 (DW-240)

| | |
|------------|----------------------------|
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Cable Ordering Information

| Part Number | MI Number | NEC / CSA Listing | Remark |
|-------------|-----------|-------------------|--------|
| DW-240 | TU-1314 | none | |

Characteristics

| Material | Detail | inches | mm |
|---------------------------------|-------------------------|------------|----------|
| Inner Conductor | Bare Copper | 0.056 | 1.42 |
| Dielectric | Foamed Polyethylene | 0.150 | 3.81 |
| 1 st Outer Conductor | Sealed APA Tape | 0.156 | 3.95 |
| 2 nd Outer Conductor | 95% Tinned Copper Braid | 0.179 | 4.55 |
| 3 rd Outer Conductor | --- | --- | --- |
| 4 th Outer Conductor | --- | --- | --- |
| Floodant | --- | --- | --- |
| Jacket | PE, Black | 0.240 | 6.10 |
| Twisted Pairs | --- | --- | --- |
| Messenger | --- | --- | --- |
| Mechanical Specifications | | | |
| Minimum Bend Radius | | 0.75 | 19.1 |
| Product Weight | (less reel) | 34 lbs/kft | 51 kg/km |

Customers are reminded that they are SOLELY responsible for confirming that all products are properly installed and used in accordance with all applicable codes and regulations.

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Series 240 Low-Loss Coaxial Cable

Type : LMR-240 (DW-240)

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| Electrical Specifications | | |
|------------------------------------|----------------|---------------|
| Characteristic Impedance, Ω | 50 \pm 3 | |
| Velocity of Propagation, % | 85 | |
| Capacitance, Nominal | 24.2 pF/ft | 79.4 pF/m |
| DC Resistance | Ω / kft | Ω / km |
| Inner Conductor | 3.54 | 11.60 |
| Outer Conductor | 3.75 | 12.31 |
| Loop | 7.29 | 13.91 |

| Attenuation, Nominal @ 68 °F (20 °C) | | |
|--------------------------------------|-------------|------------|
| Frequency, MHz | dB / 100 ft | dB / 100 m |
| 150 | 3.02 | 9.90 |
| 220 | 3.66 | 12.00 |
| 450 | 5.27 | 17.30 |
| 900 | 7.56 | 24.80 |
| 1500 | 9.88 | 32.40 |
| 1800 | 10.85 | 35.60 |
| 2000 | 11.49 | 37.70 |
| 2500 | 12.92 | 42.40 |

Notes:

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