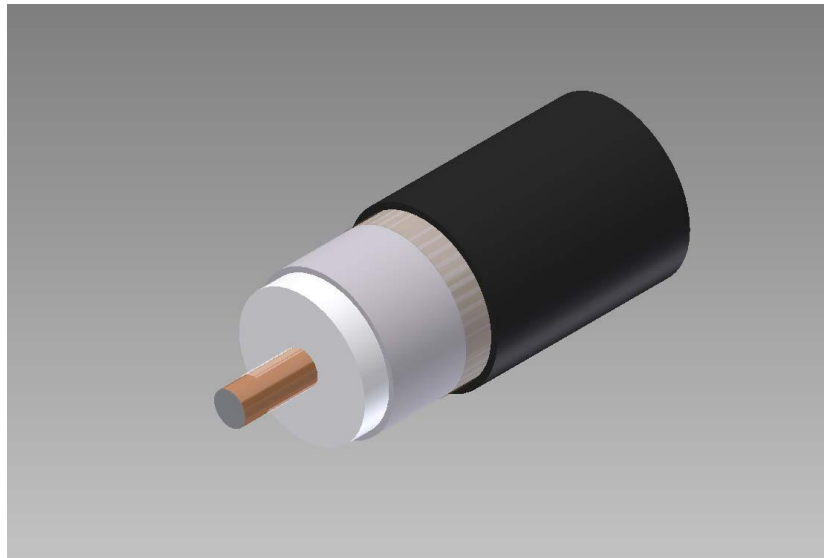




TFC Coaxial Cable Product Information Sheet

Type: TX10540JB

540 Series Coaxial Cable
Copper Clad Aluminum Conductor
Foamed Polyethylene Dielectric
Seamless Aluminum Tube Outer
Conductor
Underground Floodant
Medium Density Polyethylene Jacket,
Black



Cable Ordering Information

| Part Number | Description | NEC / CSA Listing |
|----------------------|-------------|-------------------|
| 750540JB00BK00100001 | TX10540JB | n/a |

Characteristics

| Material | Detail | inches | mm |
|-----------------|------------------------------|--------|------|
| Inner Conductor | Copper Clad Aluminum | 0.124 | 3.15 |
| Dielectric | Foamed Polyethylene | 0.513 | 13.0 |
| Outer Conductor | Seamless Aluminum Tube | 0.540 | 13.7 |
| Floodant | Underground | 0.550 | --- |
| Jacket | Polyethylene, Outdoor, Black | 0.610 | 15.5 |
| Messenger | --- | --- | --- |
| Cable Width | --- | --- | --- |

Mechanical Specifications

| | | | |
|---------------------------------|-------------|-----|--------|
| Minimum Bend Radius, in. (mm) | | 4.0 | (102) |
| Product Weight, lbs/kft (kg/km) | (less reel) | 94 | (140) |

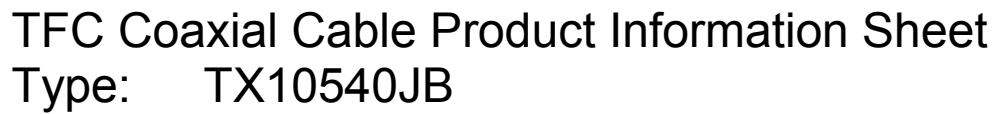
Customers are reminded that they are SOLELY responsible for confirming that all products are properly installed and used in accordance with all applicable codes and regulations.

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| | | |
|----------------------------|----------------|---------------|
| Impedance, Ω | 75 \pm 2 | |
| Velocity of Propagation, % | 88 | |
| Capacitance, Nominal | 15.3 pF/ft | 50.0 pF/m |
| DC Resistance | Ω / kft | Ω / km |
| Inner Conductor | 1.02 | 3.35 |
| Outer Conductor | 0.59 | 1.94 |
| Loop | 1.61 | 5.29 |

| Frequency, MHz | dB / 100 ft | dB / 100 m |
|----------------|-------------|------------|
| 5 | 0.14 | 0.46 |
| 55 | 0.47 | 1.54 |
| 211 | 0.95 | 3.12 |
| 250 | 1.03 | 3.38 |
| 270 | 1.07 | 3.51 |
| 300 | 1.13 | 3.71 |
| 330 | 1.19 | 3.90 |
| 350 | 1.23 | 4.04 |
| 400 | 1.32 | 4.33 |
| 450 | 1.40 | 4.59 |
| 500 | 1.49 | 4.89 |
| 550 | 1.56 | 5.12 |
| 600 | 1.64 | 5.38 |
| 750 | 1.85 | 6.07 |
| 870 | 2.01 | 6.59 |
| 1000 | 2.17 | 7.12 |
| 1100 | 2.35 | 7.71 |
| 1200 | 2.46 | 8.07 |

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