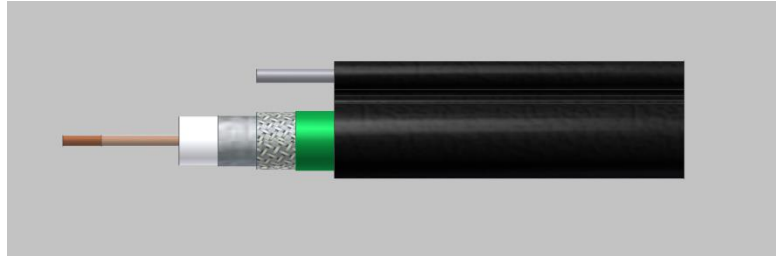


ABS Coaxial Cable Product
Type: T11TQP77-LTV (AA) Black
-083M

Series 11 Coaxial Cable
 Copper Clad Steel Conductor
 Foamed Polyethylene Dielectric
 Bonded APA Laminate Shield
 77% Aluminum Braid
 Moisture Inhibiting lifeTime®
 APA Laminate Shield (QuickPrep)
 Black PVC Jacket w/ Rodent Repel™
 Animal Aversive Additive
 0.083" Galvanized Steel Messenger



Cable Ordering Information

| Part Number | Description | NEC / CSA Listing |
|----------------------|----------------------------------|-------------------|
| 011E77V84BK0380000R1 | T11TQP77-LTV (AA) Black -083M | None |

Characteristics

| Material | Detail | inches | mm |
|---------------------------------|--------------------------------|--------|------|
| Inner Conductor | Copper Clad Steel | 0.0641 | 1.63 |
| Dielectric | Foamed Polyethylene | 0.280 | 7.11 |
| 1 st Outer Conductor | Sealed APA Tape | 0.288 | 7.32 |
| 2 nd Outer Conductor | 77% Aluminum Braid | 0.312 | 7.92 |
| 3 rd Outer Conductor | APA Tape (QuickPrep) | --- | --- |
| Floodant | Moisture Inhibiting lifeTime® | --- | --- |
| Jacket | PVC, Outdoor Grade, Black w/AA | 0.400 | 10.2 |
| Twisted Pairs | --- | --- | --- |
| Messenger | Galvanized Steel | 0.083 | 2.11 |

Mechanical Specifications

| | | | |
|-------------------------------|-------------|-------------|----------|
| Minimum Bend Radius, in. (mm) | | 1.5 | (38.10) |
| Product Weight | (less reel) | 84 lbs /kft | |

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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ABS Coaxial Cable Product
Type: T11TQP77-LTV (AA) Black
-083M

| Electrical Specifications | | |
|----------------------------|----------------|---------------|
| Impedance, Ω | 75 \pm 3 | |
| Velocity of Propagation, % | 85 | |
| Capacitance, Nominal | 16.2 pF/ft | 53.2 pF/m |
| DC Resistance | Ω / kft | Ω / km |
| Inner Conductor | 12.3 | 40 |
| Outer Conductor | 4.24 | 14 |
| Loop | 16.5 | 54 |

| Attenuation, Maximum @ 68 °F (20 °C) | | |
|--------------------------------------|-------------|------------|
| Frequency, MHz | dB / 100 ft | dB / 100 m |
| 5 | 0.38 | 1.25 |
| 55 | 0.96 | 3.15 |
| 211 | 1.90 | 6.23 |
| 250 | 2.05 | 6.73 |
| 270 | 2.13 | 6.99 |
| 300 | 2.25 | 7.38 |
| 330 | 2.35 | 7.71 |
| 350 | 2.42 | 7.94 |
| 400 | 2.60 | 8.53 |
| 450 | 2.75 | 9.02 |
| 500 | 2.90 | 9.51 |
| 550 | 3.04 | 9.97 |
| 600 | 3.18 | 10.43 |
| 750 | 3.65 | 11.98 |
| 870 | 4.06 | 13.32 |
| 1000 | 4.35 | 14.27 |
| 1100 | 4.54 | 14.90 |
| 1200 | 4.71 | 15.45 |
| 1218 | 4.92 | 16.14 |
| 1300 | 4.96 | 16.27 |
| 1400 | 5.14 | 16.86 |
| 1500 | 5.45 | 17.88 |
| 1600 | 5.66 | 18.57 |
| 1700 | 5.86 | 19.23 |
| 1794 | 5.99 | 19.65 |
| 1800 | 6.04 | 19.82 |

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