

X62 – A92144-095 – Tinned Braid .141"

50 ohms Coaxial Cable

Construction

| | | | | |
|----|-----------------|---|---------------|----------------------------|
| 1. | Inner Conductor | : | Solid | ∅ = 0,94 mm (0,037 inches) |
| 2. | Dielectric | : | PTFE | ∅ = 2,98 mm (0,117 inches) |
| 3. | Outer Conductor | : | Tinned Copper | ∅ = 3,58 mm (0,141 inches) |

Electrical Specifications

| | | |
|-------------------------|---|--------------|
| Impedance | : | 50 Ohms |
| Operating Frequency | : | DC to 20 GHz |
| Cut-off Frequency | : | N.A |
| Shielding effectiveness | : | N.A |
| Capacitance | : | 95,1 pF/m |
| Velocity of propagation | : | 69,5 % |
| Time Delay | : | 4,79 ns/m |
| Voltage Withstand | : | 5000 Vrms |

Mechanical / Environmental Specifications

| | | |
|-----------------------------|---|-----------------------------------|
| Weight | : | 45 g/m |
| Static Bend Radius | : | 7 mm (0,21 inches) |
| Dynamic Bend Radius | : | 20 mm (0,79 inches) |
| Operating Temperature Range | : | -40°C to +125°C (-40°F to +257°F) |

Connectors

Compatible with SMA – SMB – N – BNC and F interfaces

Specifications

RoHS Compliant

MIL-C-17

| FREQUENCY (MHz) | ATTENUATION (dB/m max.) | Average POWER (W) |
|-----------------|-------------------------|-------------------|
| 500 | 0,26 | 600 |
| 1000 | 0,39 | 450 |
| 5000 | 0,95 | 180 |
| 10000 | 1,48 | 120 |
| 20000 | 2,30 | 70 |