

Technical specifications : Ref. 212501

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|---|---------------|-----------------------------------|--------|--------|--------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Model | | T-100 | | | | | | | | | | | | | | | | | | | |
| Cable type | | RG-6 | | | | | | | | | | | | | | | | | | | |
| Standard | | EN 50117-10-2 | | | | | | | | | | | | | | | | | | | |
| Euroclass | | Fca | | | | | | | | | | | | | | | | | | | |
| Class | | A | | | | | | | | | | | | | | | | | | | |
| Inner conductor Diameter | in | 0.044 | | | | | | | | | | | | | | | | | | | |
| Inner conductor Material | | Copper (Cu) | | | | | | | | | | | | | | | | | | | |
| Inner conductor Resistance | Ω /km | < 20 | | | | | | | | | | | | | | | | | | | |
| Dielectric Diameter | in | 0.185 | | | | | | | | | | | | | | | | | | | |
| Dielectric Material | | Foam polyethylene (PEE) | | | | | | | | | | | | | | | | | | | |
| Dielectric Color | | White RAL 9003 | | | | | | | | | | | | | | | | | | | |
| Overlapped foil | | Aluminium + Polyester + Aluminium | | | | | | | | | | | | | | | | | | | |
| Braid Material | | Aluminium | | | | | | | | | | | | | | | | | | | |
| Braid dimensions: No. of carriers (Nc) | | 16 | | | | | | | | | | | | | | | | | | | |
| Braid Dimensions: No. of strands per carrier (Ns) | | 8 | | | | | | | | | | | | | | | | | | | |
| Braid Dimensions: strand diameter (\emptyset) | in | 0.005 | | | | | | | | | | | | | | | | | | | |
| Braid Resistance | Ω /km | < 27 | | | | | | | | | | | | | | | | | | | |
| Braid Coverage | % | 77 | | | | | | | | | | | | | | | | | | | |
| 2nd foil | | No | | | | | | | | | | | | | | | | | | | |
| 2nd foil glued to the dielectric | | No | | | | | | | | | | | | | | | | | | | |
| Petrol-Jelly | | No | | | | | | | | | | | | | | | | | | | |
| Anti-migrating film | | No | | | | | | | | | | | | | | | | | | | |
| Outer sheath Diameter | in | 0.26 | | | | | | | | | | | | | | | | | | | |
| Outer sheath Material | | PE | | | | | | | | | | | | | | | | | | | |
| Minimum bending radius | in | 1.299 | | | | | | | | | | | | | | | | | | | |
| Transfer impedance (5-30MHz) | m Ω /m | < 5 | | | | | | | | | | | | | | | | | | | |
| 1GHz shielding | dB | > 85 | | | | | | | | | | | | | | | | | | | |
| Spark Test | Vac | 3000 | | | | | | | | | | | | | | | | | | | |
| Capacitance | pF/m | 52 | | | | | | | | | | | | | | | | | | | |
| Impedance | Ω | 75 | | | | | | | | | | | | | | | | | | | |
| Velocity ratio | % | 85 | | | | | | | | | | | | | | | | | | | |
| Operating temperature | $^{\circ}$ F | -40 ... 176 | | | | | | | | | | | | | | | | | | | |
| Frequencies | | 5 MHz | 47 MHz | 54 MHz | 90 MHz | 200 MHz | 500 MHz | 698 MHz | 800 MHz | 862 MHz | 950 MHz | 1000 MHz | 1220 MHz | 1350 MHz | 1750 MHz | 2050 MHz | 2150 MHz | 2200 MHz | 2300 MHz | 2400 MHz | 3000 MHz |
| Attenuation (typ.) | dB/m | 0.02 | 0.05 | 0.05 | 0.06 | 0.08 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | 0.21 | 0.23 | 0.25 | 0.28 | 0.29 | 0.29 | 0.3 | 0.31 | 0.34 |
| Return losses (min.) | dB | 23 | 23 | 23 | 23 | 23 | 20 | 20 | 20 | 20 | 20 | 20 | 18 | 18 | 18 | 16 | 16 | 16 | 16 | 16 | 16 |