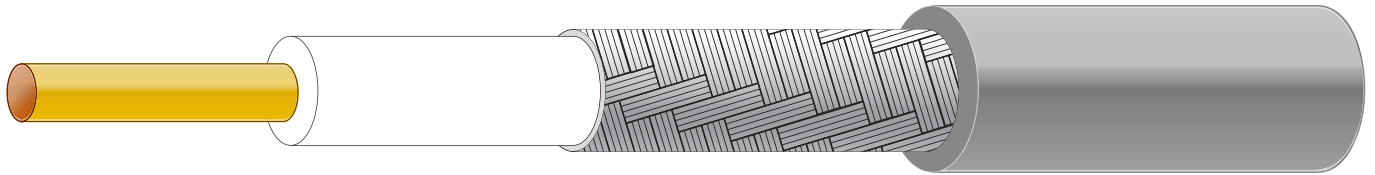
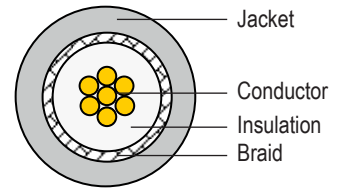


0.81mm COAXIAL CABLE

Product No. D08101T5GT

Structure Figure



Conductor

Material
Annealed Silvered Copper

Construction
7/0.05

Diameter
0.15 mm

Insulation

Material
PFA

Color
Natural

Thickness
0.125 mm

Diameter
0.4 +0.04/-0.02 mm

Single Braid

Material
Annealed Tinned Copper

Construction
8/5/0.05

Diameter
0.65 mm

Jacket

Material
PFA

Color
Light Gray

Thickness
0.08 mm

Diameter
0.81 +0.04/-0.02 mm

Electrical & Mechanical Properties

| | |
|--------------------------|--------------|
| Impedance | 50 Ω |
| Capacitance | 98 pF/m |
| Temperature rating | -65 / +125°C |
| Minimum bend radius | 9 mm |
| Maximum tensile strength | 0.38 kg |
| Weight | 1.8 kg/km |

Attenuation

| Frequency (GHz) | 1 | 2 | 3 | 4 | 5 | 6 |
|-----------------|------|------|------|------|------|------|
| dB/m | 3.57 | 5.23 | 6.52 | 7.63 | 8.62 | 9.52 |
| dB/ft | 1.09 | 1.59 | 1.98 | 2.32 | 2.62 | 2.90 |

Quality

| No. | TEST ITEM | PERFORMANCE |
|-----|---|--|
| 1 | Spark Test (at 20°C) | No breakdown at AC 3500v for 0.15 sec. |
| 2 | Dielectric Withstand Voltage (Outer to Inner Conductor) | No breakdown at AC 1000v for 1min. |
| 3 | Insulation Resistance (at 20°C) | 1000MΩ.km (minimum) |
| 4 | Characteristic Impedance | 50±3 ohms |
| 5 | Conductor Resistance | 1400Ω/km (maximum) |
| 6 | Capacitance | 96pF/m(nominal) |