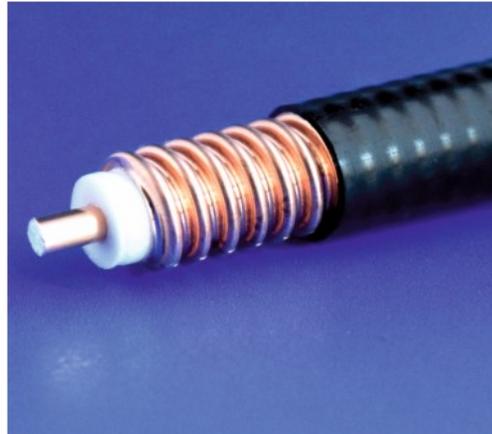




Product specification

3/8" SUPERFLEX CABLE



Description

3/8" Super-flexible physical foamed insulation coaxial cable

General Specification

| Inner Conductor | |
|----------------------------|-----------------------|
| Material | Copper clad aluminium |
| Diameter | 2.60mm±0.03mm |
| Insulation | |
| Material | Foam PE |
| Diameter | 6.70mm±0.20mm |
| Outer Conductor | |
| Material | Helical Copper Tube |
| Diameter | 9.00mm±0.20mm |
| Pitch | 2.80±0.20mm |
| Outer Jacket | |
| Material | LSZH |
| Diameter | 10.20mm±0.20mm |
| Colour | Black |
| Electrical Characteristics | |
| Insulation Resistance | 5000MΩ.km |
| Dielectric Strength | 2500V |
| Characteristic Impedance | 50Ω±2Ω |
| Capacitance | Nom.82pF/m |
| Velocity | 82% |
| Jacket Spark Test Voltage | 3.0KV |
| VSWR | 1.20 @ 300-3000MHz |

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Product specification

3/8" SUPERFLEX CABLE

| Attenuation | |
|-----------------|-----------------------|
| Frequency (MHz) | Attenuation (dB/100m) |
| 150 | 5.40 |
| 450 | 9.70 |
| 800 | 13.29 |
| 900 | 14.19 |
| 1800 | 21.03 |
| 2000 | 22.35 |
| 2200 | 23.63 |
| 2400 | 24.86 |
| 2500 | 25.47 |
| 2700 | 26.65 |
| 3000 | 28.37 |
| 5800 | 42.40 |

| Mechanical and Physical Characteristics | |
|---|----------------|
| Min. Single Bending Radius | 15mm |
| Min. Repeated Bending Radius | 50mm |
| Jacket Tensile Strength | ≥10Mpa |
| Jacket Elongation | 125% |
| RoHS/REACH | Compliant |
| Working Temperature Range | -40°C to +85°C |

The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.

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