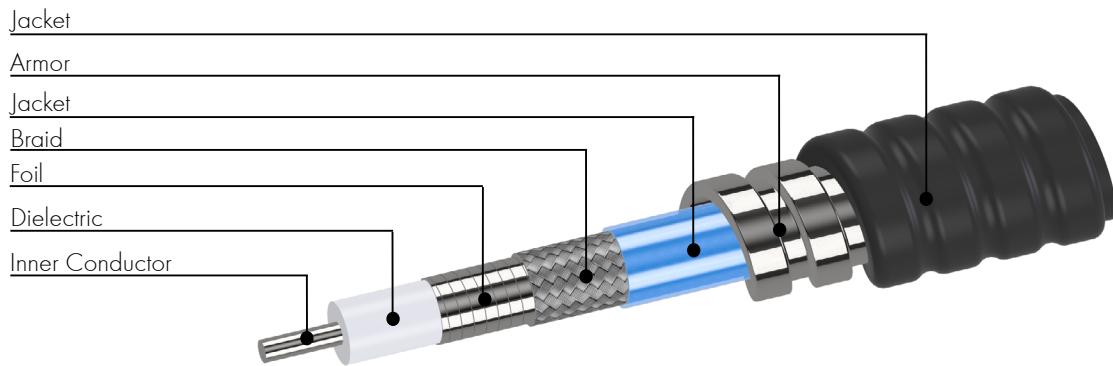


EconoFlex Coaxial Test Cable (equivalent to SS405)

EF405A-AM



Material And Plating

| Connector parts | Material | Diameter |
|-----------------|--|---------------------|
| Inner Conductor | Solid, Silver Plated Copper (SPC) | |
| Dielectric | Low Density PTFE (Low Density Polytetrafluoroethylene) | |
| Foil | Copper, Silver plated | |
| Braid | Copper, Silver plated | |
| Jacket | FEP (Fluorinated ethylene propylene) | |
| Armor | Stainless Steel, Passivate plated | |
| Jacket | PVC (Polyvinyl Chloride) | 2.64 mm [.104 inch] |

Electrical Data

| | |
|---|---------------------------|
| Impedance | 50 Ω |
| Frequency | DC to 40 GHz |
| Capacitance | 96.1 pF/m |
| Velocity of signal propagation | 70 % |
| Signal delay | 4.72 ns/m |
| Insulation resistance | ≥ 1 x 108 MΩ/m |
| Screening effectiveness | ≥ -100 dB |
| Operating Voltage Max. (Vrms @ 60 Hz) | ≤ 1.9 kVrms (@ sea level) |

Environmental Data

| | |
|-------------------|-----------------|
| Temperature range | -55°C to +200°C |
| RoHS (2011/65/EU) | compliant |

Typical Attenuation

| Frequency (GHz) | Typical Attenuation (dB/m) @ 25°C sea level | Typical Attenuation (dB/ft) @ 25°C sea level | Max. CW power (Watt) @ 25°C sea level |
|-----------------|--|---|--|
| 0.5 | 0.52 | 0.16 | 198.0 |
| 1 | 0.75 | 0.23 | 140.0 |
| 5 | 1.75 | 0.53 | 62.6 |
| 10 | 2.56 | 0.78 | 44.3 |
| 18 | 2.56 | 1.09 | 33.0 |
| 26.5 | 4.46 | 1.36 | 27.2 |
| 40 | 5.69 | 1.73 | 22.1 |