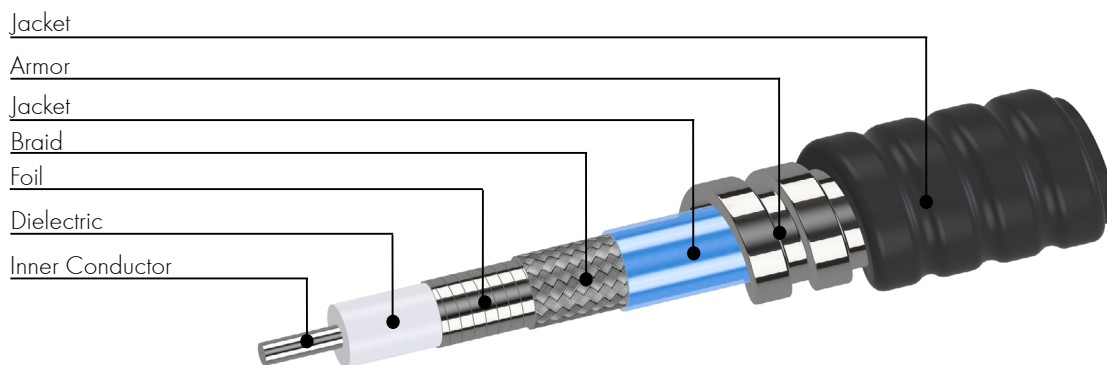




EconoFlex Coaxial Test Cable (equivalent to SS405)

EF405A-AM



Material And Plating

Connector parts	Material	Diameter
Inner Conductor	Solid, Silver Plated Copper (SPC)	2.64 mm [.104 inch]
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)	

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	$\geq 1 \times 10^8$ M Ω /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