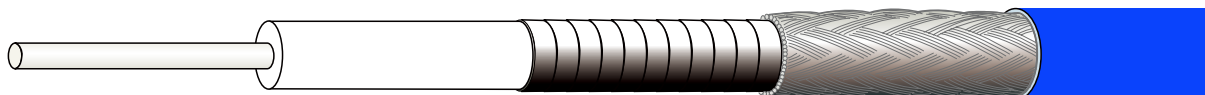


EconoFlex Coaxial Test Cable
(equivalent to SS405)

EF405C



Material And Plating

Piece Parts	Material	Diameter
Inner Conductor	Silver Plated Copper; SPC (Solid)	
Dielectric	PTFE (Polytetrafluoroethylene)	
Foil	Copper, Silver plated	
Braid	Copper, Silver plated	
Jacket	FEP (Fluorinated ethylene propylene)	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	$\geq 1 \times 10^8 \text{ M}\Omega/\text{m}$
Screening effectiveness	$\geq -100 \text{ dB}$
Operating Voltage Max. (Vrms @ 60 Hz)	$\leq 1.9 \text{ kVrms (@ sea level)}$

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