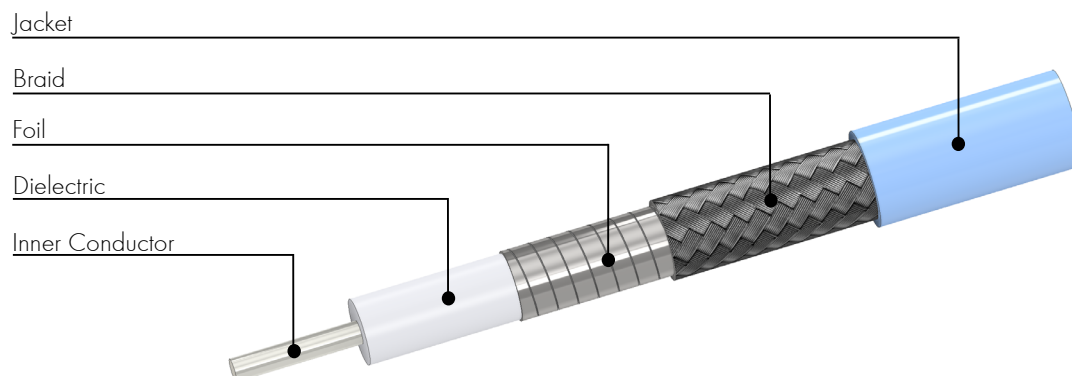


R-Test EconoFlex Coaxial Cable
(equivalent to SS402)

EF402

Cable Construction



Material And Diameter

Connector parts	Material	Diameter
Inner Conductor	Solid, Silver Plated Copper Clad Steel Wire (SPCW)	-
Dielectric	PTFE (Polytetrafluoroethylene)	-
Outer Conductor	Copper, Silver plated	-
Outer Conductor	Copper, Silver plated	-
Jacket	FEP (Fluorinated Ethylene Propylene)	4.14 mm

Electrical Data

Impedance	50 Ω
Frequency	DC to 26.5 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	≥ -110 dB
Operating Voltage Max. (Vrms @ 60 Hz)	≤ 1.9 kVrms (@ sea level)

Mechanical Data

Weight	45 g/m
Min. bending radius	20.3 mm

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	0.28	0.09	527.5
1	0.40	0.12	373.0
5	0.97	0.30	166.8
10	1.46	0.45	118.0
18	2.09	0.64	87.9
26.5	2.66	0.81	72.5