



Flexible cable 10/50 D (RG393)



P/N: ST291 511 007

APPLICATION NOTE

RG393 is one of the most popular RG cables.

This cable may be used for high frequency range and severe thermal conditions applications.

CONSTRUCTION / DIMENSIONS

	Material	mm	Inches
Center conductor	Stranded SPC ⁽¹⁾	2.39	0.094
Dielectric	Solid PTFE ⁽²⁾	7.24	0.285
Inner shield	SPC ⁽¹⁾ braid	-	-
Outer shield	SPC ⁽¹⁾ braid	8.90	0.350
Jacket	Brown FEP ⁽³⁾	9.91	0.390

ELECTRICAL CHARACTERISTICS

Characteristic impedance	50Ω ± 2Ω	
Operating frequency range	DC - 11 GHz	
Shielding effectiveness	65 dB (DC - 3 GHz)	
Voltage withstanding	10 000 V rms	
Peak power	8.3 kW	
Capacitance	96 pF / m	29 pF / ft
Velocity of propagation	70 % (4.8 ns / m)	