



Flexible cable 5/50 D (RG400)



P/N: ST291 324 007

APPLICATION NOTE

Due to its stranded inner conductor, RG 400 is much more flexible than RG142 and RG223.

This cable can be used instead of equivalent RG's for specific applications requiring high flexibility.

Suitable for severe thermal conditions.

CONSTRUCTION / DIMENSIONS

	Material	mm	Inches
Center conductor	Stranded SPC ⁽¹⁾	0.98	0.039
Dielectric	Solid PTFE ⁽²⁾	2.95	0.116
Inner shield	SPC ⁽¹⁾ braid	-	-
Outer shield	SPC ⁽¹⁾ braid	4.19	0.165
Jacket	Brown FEP ⁽³⁾	4.95	0.195

ELECTRICAL CHARACTERISTICS

Characteristic impedance	50Ω ± 2Ω	
Operating frequency range	DC - 12.4 GHz	
Shielding effectiveness	65 dB (DC - 3 GHz)	
Voltage withstanding	5 000 V rms	
Peak power	3.4 kW	
Capacitance	97 pF / m	29.3 pF / ft
Velocity of propagation	70 % (4.8 ns / m)	