



Flexible cable 2.6/50 S (RG316 - KX22A)



P/N:ST291170007

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APPLICATION NOTE

RG316 is one of the most popular RG cables. This cable has good flexibility and better attenuation than RG174.

Suitable for severe thermal conditions, this cable is compatible with a large range of connector series.

CONSTRUCTION / DIMENSIONS

	Material	mm	Inches
Center conductor	Stranded SPCCS ⁽¹⁾	0.53	0.021
Dielectric	Solid PTFE ⁽²⁾	1.52	0.060
Inner shield	SPC ⁽³⁾ braid	1.98	0.078
Outer shield	-	-	-
Jacket	Brown FEP ⁽⁴⁾	2.49	0.098

ELECTRICAL CHARACTERISTICS

Characteristic impedance	50Ω ± 2Ω	
Operating frequency range	DC - 3 GHz	
Shielding effectiveness	40 dB	
Voltage withstanding	2 000 V rms	
Peak power	1.8 kW	
Capacitance	96 pF / m	29 pF / ft
Velocity of propagation	70 % (4.8 ns / m)	