



Flexible cable 2.6/75 S (RG179)



P/N:ST291210007

APPLICATION NOTE

Due to its 75 ohms characteristic impedance, RG179 is dedicated to TV/Video application.

Its small internal stranded inner conductor diameter allows high flexibility for easy routing.

Suitable for severe thermal conditions.

CONSTRUCTION / DIMENSIONS

	Material	mm	Inches
Center conductor	Stranded SPCCS ⁽¹⁾	0.30	0.012
Dielectric	Solid PTFE ⁽²⁾	1.60	0.063
Inner shield	SPC ⁽³⁾ braid	2.00	0.079
Outer shield	-	-	-
Jacket	Brown FEP ⁽⁴⁾	2.54	0.100

ELECTRICAL CHARACTERISTICS

Characteristic impedance	75Ω ± 3Ω	
Operating frequency range	DC - 3 GHz	
Shielding effectiveness	40 dB	
Voltage withstanding	2 000 V rms	
Peak power	1.6 kW	
Capacitance	69 pF / m	21 pF / ft
Velocity of propagation	70 % (4.8 ns / m)	