



Flexible cable 6/75 S (KX6A)



P/N: ST291 351
012

APPLICATION NOTE

Relevant standard: NF-C-93/550-KX6 (France)

Due to its stranded inner conductor, KX6 is much more flexible than RG59.

This cable is better suited instead of RG59 for specific applications requiring high flexibility.

Cost effective solution

CONSTRUCTION / DIMENSIONS

	Material	mm	Inches
Center conductor	Stranded copper	0.60	0.024
Dielectric	Solid PE ⁽¹⁾	3.70	0.146
Inner shield	Copper braid	4.50	0.177
Outer shield	-	-	-
Jacket	Green PVC ⁽²⁾	6.10	0.240

ELECTRICAL CHARACTERISTICS

Characteristic impedance	75Ω ± 3Ω	
Operating frequency range	DC - 1 GHz	
Shielding effectiveness	40 dB	
Voltage withstanding	7 000 V rms	
Peak power	2.7 kW	
Capacitance	63 pF / m	19 pF / ft
Velocity of propagation	66 % (5 ns / m)	