

Flexible cable 2/75 S (296775 type)



P/N:ST291147060

APPLICATION NOTE

Due to its 75 ohms characteristic impedance, this cable is best suited for TV/Video and networks applications. Its small diameter and light weight make it perfect to be used in all miniature, space saving and dynamic applications.

CONSTRUCTION / DIMENSIONS

	Material	mm	Inches
Center conductor	Solid SPCCS ⁽¹⁾	0.17	0.007
Dielectric	Solid PE ⁽²⁾	1.00	0.039
Inner shield	SPC ⁽³⁾ braid	1.32	0.052
Outer shield	-	-	-
Jacket	Black LSZH PE ⁽⁴⁾	1.90	0.075

ELECTRICAL CHARACTERISTICS

Characteristic impedance	75Ω ± 5Ω	
Operating frequency range	DC - 3 GHz	
Shielding effectiveness	50 dB min	
Voltage withstanding	8 000 V rms	
Peak power	400 W	
Capacitance	67 pF / m	20.1 pF / ft
Velocity of propagation	66 % (5 ns / m)	