

X18 – A91095-017

50 ohms Coaxial Cable

Construction

1.	Inner Conductor	:	Stranded 7 x 0.75 mm 21 AWG
2.	Dielectric	:	PE $\varnothing = 7,25$ mm (0,28 inches)
3.	Braid 1	:	Plated CuAg 85% recovering*
4.	Braid 2	:	Plated CuAg 90% recovering*
5.	Jacket	:	PVC $\varnothing = 10,80$ mm (0,40 inches)

Electrical Specifications

Impedance	:	50 Ohms
Operating Frequency	:	DC to 12GHz
Cut-off Frequency	:	12,40 GHZ
Shielding effectiveness	:	N.A
Capacitance	:	100pF/m
Velocity of propagation	:	66 %
Time Delay	:	5.05ns/m
Voltage Withstand	:	10000 V

Mechanical / Environmental Specifications

Weight	:	202 g/m
Static Bend Radius	:	N.A
Dynamic Bend Radius	:	100 mm (3,94 inches)
Operating Temperature Range	:	-10°C to +70°C (+14°F to +158°F)

Connectors

Compatible with SMA – BNC – TNC – N – and 7/16 interfaces

Spécifications

RoHS Compliant

MIL-C-17

FREQUENCY (MHz)	ATTENUATION (dB/m max.)	Average POWER (W)
1000	0,29	N.A
2000	0,47	N.A
4000	0,77	N.A
8000	1,30	N.A
12000	1,79	N.A

* : Value with +/- 4% tolerance