

Coaxial Cable Assemblies

Flexible and Semi-Rigid Cable

Description

Maury 8015 series flexible cable assemblies feature improved cable to connector transitions. Nominal loss and power handling characteristics of the cable used in these assemblies is shown in the "Available Models" chart below.

Maury 8921 series semi-rigid cable assemblies are supplied as straight sections and are used in general purpose laboratory or systems applications where high stability and durability is critical.

Maury coaxial cable assemblies are available in the following standard lengths. Cable assemblies can also be fabricated to any length required. For non-standard length assemblies, please contact our Sales Department to place a special order. Both flexible and semi-rigid cable assemblies are available in four connector arrangements (see the Connector Configuration table below).

Available Models – Flexible Cable

MODEL	FREQ. RANGE (GHz) & MAX. VSWR	TYPE	JACKET O.D. INCHES (CM)	MIN. BEND (r) INCHES (CM)	LOSS (dB) AT F _{MAX}
7915(X)(L)	DC – 50.0 ≤ 1.45	2.4mm	0.40 (1.02)	1.0 (2.54)	0.65+1.43 dB/FT
8015(X)(L)	DG – 26.5 ≤ 1.45	3.5mm	0.20 (0.508)	1.0 (2.54)	0.40+0.50 dB/FT
8926(X)(L)	DC – 12.4 ≤ 1.50 12.4 – 18.0 ≤ 1.75	SMA	0.19 (0.483)	1.0 (2.54)	0.85 dB/FT

Note: When ordering, indicate the desired connector arrangement where (X) is shown (using "A" for female to female, "B" for male to male, or "C" for female to male configurations). Where (L) is shown indicate the desired standard line length from the chart below.



Available Models – Semi-Rigid Cable

MODEL	FREQ. RANGE (GHz) & MAX. VSWR	TYPE	JACKET O.D. INCHES (CM)	MIN. BEND (r) INCHES (CM)	LOSS (dB) AT F _{MAX}
8921A(L)	DC – 18.0 ≤ 1.30	SMA F-F	0.141 (0.356)	0.25 (0.635)	0.75
8921B(L)	DC – 26.5 ≤ 1.40	SMA M-M	0.141 (0.356)	0.25 (0.635)	0.75
8921C(L)	DC – 18.0 ≤ 1.30	SMA F-M	0.141 (0.356)	0.25 (0.635)	0.75

Note: When ordering, indicate the desired length (from the chart below) where (L) is shown.



Standard Line Lengths

MODEL SUFFIX	LENGTH INCHES	LENGTH (CM)	MODEL SUFFIX	LENGTH INCHES	LENGTH (CM)	MODEL SUFFIX	LENGTH INCHES	LENGTH (CM)
12	12.0	(30.48)	30	30.0	(76.20)	48	48.0	(121.92)
18	18.0	(45.00)	36	36.0	(91.44)	54	54.0	(137.16)
24	24.0	(60.96)	42	42.0	(106.68)	60	60.0	(152.40)