

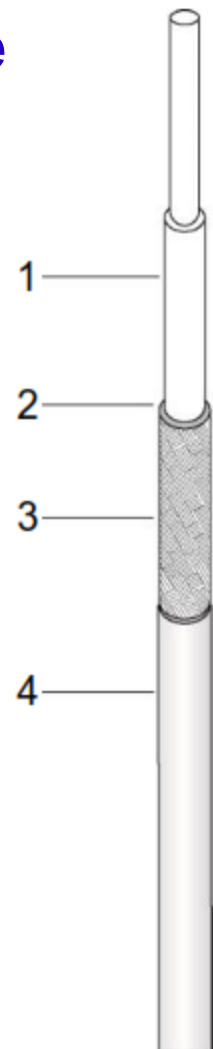
## CFX2-085 Low Loss Semi-Flexible Cable Assemblies

### Construction

Structure	Material
1) Inner Conductor	Copper Wrapped Silver Plated Steel
2) Insulator	PTFE
3) Outer Conductor	Tinned Copper Braid
4) Jacket	FEP

### Electrical Specifications

Frequency	DC-18 GHz
Capacitance	94.75 pF/m
Impedance	50 $\Omega$
VSWR	1.3:1 Max
Velocity of Propagation	70 %
Delay	4.7 ns/m
Dialectric Withstanding Voltage	1900 V
Shielding Effectiveness	100 dB
Connector Loss	0.2 dB Typ



### Mechanical/Environmental Specifications

Bend Radius (Static)	8 mm
Bend Radius (Repetitive)	40 mm
Operating Temperature	-55°C - +125°C

### Attenuation and Power vs. Frequency

Frequency (GHz)	Attenuation (dB/m)	Average Power (W)
0.5	0.135	232
1.0	0.192	162.4
3.0	0.378	86.4
5.0	0.453	69.8
10.0	0.666	47.9
18.0	0.987	32.6