

## SEMI-FLEXIBLE CABLES

Easy to strip, flexible alternative to standard semi-rigid construction. It offer outstanding performance in almost any environment.

- Low SWR (1.25:1 to 40 GHz typical).
- Excellent shielding effectiveness.
- Precision phase matching.

# 670-250 Semi-Flexible Series Cable



### Construction Specification

	Material	Diameter (mm)
1. Inner Conductor	Silver Plated Copper	1,65
2. Dielectric	PTFE	5,31
3. Outer Conductor	Tin Soaked Copper Braid	6,10



### Attenuation and Avg. Power (20°C)

Frequency (MHz)	Attenuation (dB/100m)
0,5	17,0
1,0	25,0
5,0	63,0
10,0	98,0
18,0	145,0

PART NO.	DESCRIPTION
39000250	670-250 Semi-Flexible Series Cable

### SPECIFICATIONS

#### ELECTRICAL CHARACTERISTICS

**Capacitance:** 95,1 pF/m

**Impedance:** 50 ohm

**Velocity:** 69,5%

**Operating Frequency:** 18 GHz

**Time Delay:** 4,7 ns/m

**Max. Operating Voltage:** 3,5 kVrms

**Min. Screening Effectiveness up to 18GHz:** 100 dB

#### MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

**Min. Bend Radius Static:** 30 mm

**Min. Bend Radius Repeated:** 120 mm

**Operating Temp.:** -55 – 125°C