

# HIGH-SPEED COST EFFECTIVE COAX CABLE

(0.80 mm) .0315" PITCH • FCF8/FCS8 SERIES



## FCF8

Mates:  
FCS8

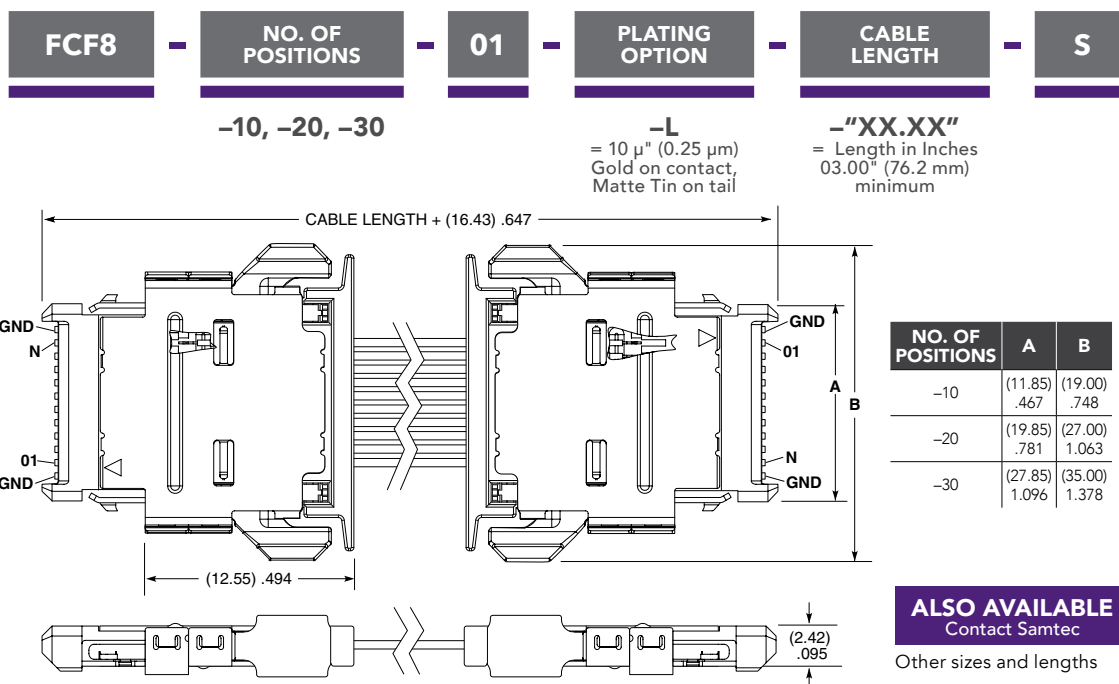
### SPECIFICATIONS

**Cable:**  
38 AWG coax  
**Overmold:**  
Nylon  
**Terminal Material:**  
Phosphor Bronze  
**Contact Plating:**  
Au or Sn over  
50  $\mu$ " (1.27  $\mu$ m) Ni  
**Operating Temp Range:**  
-25 °C to +105 °C  
**Current Rating:**  
1.8 A per pin  
(1 pin powered)

**Notes:**  
Design your full cable assembly with Samtec's High-Speed Cable Solutionator® at [www.samtec.com/cablebuilder](http://www.samtec.com/cablebuilder)

Cable lengths longer than 40.00" (1 meter) are not supported with S.I. test data.

Some lengths, styles and options are non-standard, non-returnable.



## FCS8

Mates:  
FCF8

### SPECIFICATIONS

**Insulator Material:**  
Black LCP  
**Contact Material:**  
BeCu  
**Contact Plating:**  
Au or Sn over  
50  $\mu$ " (1.27  $\mu$ m) Ni  
**Shield:**  
Nickel Plated Phosphor Bronze  
**Operating Temp Range:**  
-55 °C to +125 °C  
**Current Rating:**  
1.8 A per pin  
(1 pin powered)

### PROCESSING

**Lead-Free Solderable:**  
Yes  
**SMT Lead Coplanarity:**  
(0.15 mm) .006" max\*  
\*(.004" stencil solution may be available; contact [ipg@samtec.com](mailto:ipg@samtec.com))

**Note:**  
Some sizes, styles and options are non-standard, non-returnable.

