

HIGH-SPEED COST EFFECTIVE COAX CABLE

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



FCF8
Mates:
FCS8

FCF8 - **NO. OF POSITIONS** - **01** - **PLATING OPTION** - **CABLE LENGTH** - **S**

SPECIFICATIONS

Cable:
38 AWG coax

Overmold:
Nylon

Terminal Material:
Phosphor Bronze

Contact Plating:
Au or Sn over

50 μ " (1.27 μ m) Ni

Operating Temp Range:
-25 $^{\circ}$ C to +105 $^{\circ}$ 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

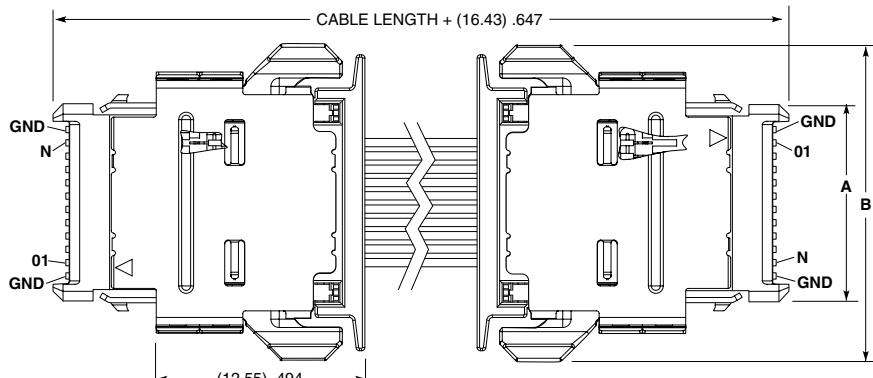
Cable lengths longer than 40.00" (1 meter) are not supported with S.I. test data.

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

-10, -20, -30

-L
= 10 μ " (0.25 μ m)
Gold on contact/
Matte Tin on tail

-"XX.XX"
= Length in Inches
03.00" (76.2 mm)
minimum



NO. OF POSITIONS	A	B
-10	(11.85)	(19.00)
	.467	.748
-20	(19.85)	(27.00)
	.781	1.063
-30	(27.85)	(35.00)
	1.096	1.378

ALSO AVAILABLE
Contact Samtec
Other sizes and lengths

FCS8
Mates:
FCF8

FCS8 - **NO. OF POSITIONS** - **01** - **PLATING OPTION** - **S** - **A** - **"X"R**

SPECIFICATIONS

Insulator Material:
Black LCP

Contact Material:
BeCu

Contact Plating:
Au or Sn over

50 μ " (1.27 μ m) Ni

Shield:

Nickel Plated Phosphor Bronze

Operating Temp Range:
-55 $^{\circ}$ C to +125 $^{\circ}$ C

Current Rating:
1.8 A per pin

(1 pin powered)

-10, -20, -30

-L
= 10 μ " (0.25 μ m)
Gold on contact/
Matte Tin on tail

-TR
= Tape & Reel

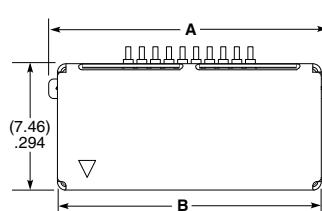
-FR
= Full Reel
Tape & Reel
(must order max.
quantity per reel;
contact Samtec for
quantity breaks)

PROCESSING

Lead-Free Solderable:
Yes

SMT Lead Coplanarity:
(0.15 mm) .006" max*
*(.004" stencil solution
may be available; contact
[ipg@samtec.com](http://ipg.samtec.com))

Note:
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non-returnable.



NO. OF POSITIONS	A	B	C	D
-10	(16.59) .653	(15.56) .613	(10.70) .421	(13.06) .514
-20	(24.59) .968	(23.56) .928	(18.70) .736	(21.06) .829
-30	(32.59) 1.283	(31.56) 1.243	(26.70) 1.051	(29.06) 1.144

