

FCF8-20-01-L-03.00-S

FCF8-10-01-L-03.00-S



FCS8-20-01-L-S-A-TR

FCS8-10-01-L-S-A-TR

FCF8, FCS8 SERIES

(0.80 mm) .0315"

HIGH-SPEED COST EFFECTIVE COAX CABLE

SPECIFICATIONS

For complete specifications see www.samtec.com?FCF8

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

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



Notes:
 Design your High-Speed Cable with Samtec's High-Speed Cable Solutionator® at www.samtec.com/hdr

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.

FCF8	NO. OF POSITIONS	01	PLATING OPTION	CABLE LENGTH	S
Mates with: FCS8		-10, -20, -30	-L = 10 μm (0.25 μm) Gold on contact, Matte Tin on tail	- "XX.XX" = Length in Inches 03.00" (76.2 mm) minimum	

CABLE LENGTH + (16.43) .647

(12.55) .494

(2.42) .095

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

ALSO AVAILABLE (MOV Required)

- Other sizes and lengths

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?FCS8
Insulator Material: Black LCP

Contact Material: BeCu
Contact Plating: Au or Sn over 50 μm (1.27 μm) Ni
Shield: Nickel Plated Phosphor Bronze
Operating Temp Range: -55 °C to +125 °C
Current Rating: 1.8 A per pin (1 pin powered)
RoHS Compliant: Yes

PROCESSING

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

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FCS8	NO. OF POSITIONS	01	PLATING OPTION	S	A	TR
Mates with: FCF8		-10, -20, -30	-L = 10 μm (0.25 μm) Gold on contact, Matte Tin on tail	-TR = Tape & Reel		

(0.80) .0315

(0.30) .012

(7.46) .294

(7.48) .294

(1.85) .073

(1.32) .052 DIA

(0.20) .008

(0.49) .019

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

RUGGEDIZED
BY SAMTEC

- Weld tabs
- Positive latching
- Shielded for EMI protection

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