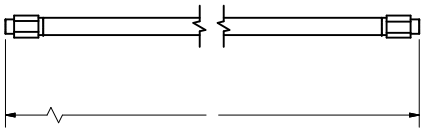
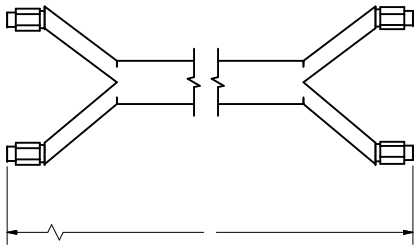


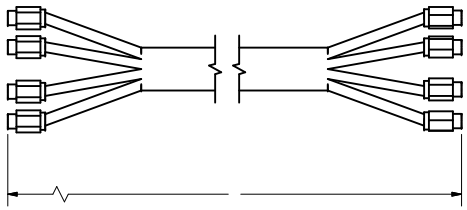
FC50-01-CA003
FC50-01-CA006
FC50-01-CA012

NUMBER OF CONDUCTORS

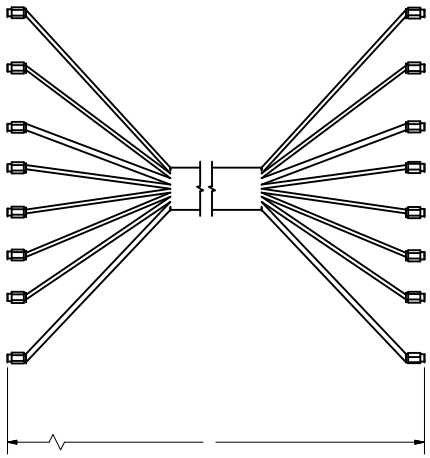
LENGTH IN FEET



FC50-02-CA003
FC50-02-CA006
FC50-02-CA012



FC50-04-CA003
FC50-04-CA006
FC50-04-CA012



FC50-08-CA003
FC50-08-CA006
FC50-08-CA012

NOTES, UNLESS OTHERWISE SPECIFIED:

1 INSTALL CONNECTORS AND HEAT SHRINK AS NEEDED

2 THE ID, CHOICE OF BLACK HEAT SHRINK, AND CABLE SPLIT LENGTHS ARE PRODUCTION PREFERENCE

3 CONNECTIONS ARE ALL 1:1

4 CONDUCTORS: ULTRA FLEXIBLE, FINELY STRANDED, TINNED COPPER

5 SHIELDING: ULTRA FLEXIBLE, BRAIDED SHIELDS,WITH 90% NOMINAL COVERAGE

6 MINIMUM BEND RADIUS: 6X CABLE HEIGHT FOR INTERMEDIATE FLEX; 10X CABLE HEIGHT FOR CONTINUOUS FLEX

7 FLEX LIFE: 10,000,000 CYCLES NOMINAL

8 OUTER JACKET DUROMETER RATING: 65 (SHORE A)

9 TEMPERATURE RATING FOR CABLE: -65°C TO +165°C
TEMPERATURE RATING FOR FINISHED ASSEMBLY: -20°C TO +125°C

10 OUTER JACKET DIELECTRIC STRENGTH: 450 VOLTS/MILS (17.7 kv/mm)

11 *OR EQUIVALENT

REVISION HISTORY

ZONE	REV	DESCRIPTION	DATE	BY
ALL	N/C	INITIAL RELEASE	09/06/2013	RR

FLEXIBLE COAX 50 OHM, FC50-01-CAXXX

FN	QTY	DESCRIPTIO	PART NUMBER	MFG
1	A/R	CICOIL CABLE	607R101-01	CICOIL
2	2	SMA CONNECTOR	CONSMA007*	LINX TECHNOLOGIES
3	A/R	BLACK HEAT SHRINK (-55°C TO +135°C)	MANUFACTURING DISCRETION	---

FLEXIBLE COAX 50 OHM, FC50-02-CAXXX

FN	QTY	DESCRIPTIO	PART NUMBER	MFG
1	A/R	CICOIL CABLE	607R101-02	CICOIL
2	4	SMA CONNECTOR	CONSMA007*	LINX TECHNOLOGIES
3	A/R	BLACK HEAT SHRINK (-55°C TO +135°C)	MANUFACTURING DISCRETION	---

FLEXIBLE COAX 50 OHM, FC50-04-CAXXX

FN	QTY	DESCRIPTIO	PART NUMBER	MFG
1	A/R	CICOIL CABLE	607R101-04	CICOIL
2	8	SMA CONNECTOR	CONSMA007*	LINX TECHNOLOGIES
3	A/R	BLACK HEAT SHRINK (-55°C TO +135°C)	MANUFACTURING DISCRETION	---

FLEXIBLE COAX 50 OHM, FC50-08-CAXXX

FN	QTY	DESCRIPTIO	PART NUMBER	MFG
1	A/R	CICOIL CABLE	607R101-08	CICOIL
2	16	SMA CONNECTOR	CONSMA007*	LINX TECHNOLOGIES
3	A/R	BLACK HEAT SHRINK (-55°C TO +135°C)	MANUFACTURING DISCRETION	---

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DASH NO	QTY REQD	NEXT ASSEMBLY	FINAL ASSEMBLY

APPLICATION

VIEW PROJECTION

STANDARD TOLERANCES UNLESS OTHERWISE NOTED

DIMENSIONS ARE IN INCHES
.X+/- 0.5
.XX+/-0.05
.XXX+/-0.005
ANGLES +/- 5 DEG
[MM]

MATERIAL:

DO NOT SCALE DRAWING

	SIGNATURE	DATE
DRAWN:	rruiz	9/5/2013
CHECK	JOHN PALAHNUK	9/6/2013
ENGINEER	JOHN PALAHNUK	9/6/2013

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TITLE

FLEXIBLE COAX

CAGE CODE	SIZE	DRAWING NUMBER	REVISION
19476		FC-50-0X-CAXXX	N/C

SCALE | FILE: FC-50-0X (C).idw | SHEET 1 OF 3