

**SPECIFICATIONS**

- Conductor Material: Tin plating over Copper
- Conductor Resistance: See table
- Insulation Material: Polyester
- Insulation Resistance: DC 500V after 1 min.
- Support Tape: Polyester
- Open/Short Test: DC 3.0V, 0.1mA
- Heat Resistance: 85C, 96hrs
- Heat Cycle Test: -40C → +25C → +85C → +25C, 12hrs x 2 cycles
- Moisture Resistance: 40C, 95%RH, 96hrs
- Flame Test: ULVW-1
- Flexing Test: 10mmRx10cmx70cycle/min
- Bending Test: ±90, 600g, 0.5mmR
- Abrasion Test: Φ5mm, 600g, 60 cycles/min.
- Withstanding: AC 500V for 1 min.

**RoHS compliant**

Series	Pitch (mm/in) [Standard material]	Circuits	Material (Flexibility)	Type	Total Length (mm) (L)	Strip Length S1/S2 (mm)	Support Length S3/S4 (mm)	Rating
CBLA-FFC	XXX	XX	X	X	XX	X/X	X/X	X
Cable Series, Flexible Flat Cable	050=0.5/.020 [H] 100=1.0/.039 [M] 125=1.25/.049 [L] 127=1.27/.050 [L] 254=2.54/.100 [L] Or custom	Number of circuits	H(High): Ct=.035, t=.12 M(Medium): Ct=.05, t=.14 L(Low): Ct=.08, t=.18	See Chart Pg. 2	XX=Total Length L>30	3,4,5,6 (S2 blank if same as S1)	Blank if Type A, 06,08,10,12,15 (S4 blank if same as S3)	A=80°C/30V (UL289X) B=80°C/60V (UL20624) C=105°C/300V (UL2643)

Rev.	Description	Date	Approved	Drawing	Name	Date
A	PNT	4/24/09	Greg	Approved	Howard	02/23/07
				Checked	Lizzy	02/23/07
				Drawn	Tina	02/23/07
				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'
						UNIT: mm


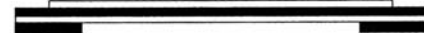


**Central Components Manufacturing**  
 440 Lincoln Blvd., Middlesex, New Jersey 08846  
 Phone 732 469-5720 888 288-5152 Fax 732 469-1919

Part No.: **CBLA-FFC-XXX-XX-X-X-XX-X/X-X/X-X**


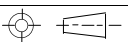
Description: Flexible Flat Cable

Abbr.	Item
P	Pitch
Pt	Total Pitch
W	Width
M	Margin
Cw	Conduct width
Ct	Conduct thickness
L	Total (cable) length
S1/S2	Strip length
S3/S4	Support tape length
T	Terminal thickness

Max Resistance (ohms/meter)				
P	Cw	Ct		
		0.08 (L)	0.05 (M)	0.035 (H)
2.54	1.27	0.21	0.42	0.57
1.25	0.80	0.26	0.52	0.74
1.00	0.60	0.38	0.58	0.82
	0.50	0.42	0.81	1.15
0.50	0.30	0.68	1.36	1.82

TYPE			
A		C	
B		D	
S	Special Type or Special Process		

RoHS compliant

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				Checked	Lizzy	02/23/07	
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				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'	Part No.: <b>CBLA-FFC-XXX-XX-X-X-XX-X/X-X/X-X</b>
					UNIT: mm		Description: Flexible Flat Cable