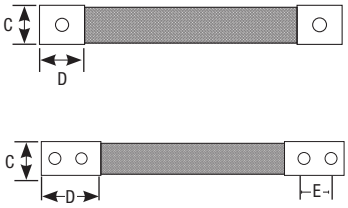
Flexible Braid

Flexible Braids for grounding, bounding and continuous current applications

Cat. No.	Circular Mils	Bolt Hole (in.)	No. of Braids in Ferrule	Dimensions (in.)			
				(T) Thickness	(C) Width	(D) Ferrule Length	(E) Distance Ctr. to Ctr.
FBB12-1*	24 000	1/4	1	0.140	0.625	0.750	–
FBC12-1*	48 000	7/16	1	0.148	1.000	1.300	–
FBD12-1*	76 800	7/16	1	0.200	1.000	1.300	–
FBD12*	76 800	7/16	1	0.200	1.000	2.500	1.25
FB2D12-1*	153 600	7/16	2	0.250	1.250	1.500	–
FB2D12*	153 600	7/16	2	0.250	1.250	2.500	1.25
FB3D12-1*	230 400	7/16	3	0.350	1.250	1.500	–
FB3D12*	230 400	7/16	3	0.350	1.250	2.500	1.25
FBXD12-1*	105 600	9/16	1	0.250	1.250	1.500	–
FBXD12*	105 600	9/16	1	0.250	1.250	2.500	1.25
FB2XD12-1*	211 200	9/16	2	0.350	1.250	1.500	–
FB2XD12*	211 200	9/16	2	0.350	1.250	2.500	1.25
FB3XD12-1*	315 800	9/16	3	0.400	1.250	1.500	–
FB3XD12*	315 800	9/16	3	0.400	1.250	2.500	1.25
FBE12-1*	168 000	9/16	1	0.500	1.250	2.500	–
FBE12**	168 000	9/16	1	0.250	1.250	3.500	1.75
FB2E12-1*	336 000	9/16	1	0.500	1.250	2.500	–
FB2E12*	336 000	9/16	2	0.500	1.250	3.500	1.75
FB3E12	504 000	9/16	3	0.750	1.250	3.500	1.75
FB4E12	672 000	9/16	4	1.00	1.25	3.500	1.75
FBF12	230 400	9/16	1	0.300	1.500	3.500	1.75
FB2F12	460 800	9/16	2	0.450	1.500	3.500	1.75
FB3F12	691 200	9/16	3	0.600	1.625	3.500	1.75
FB4F12	921 600	9/16	4	0.750	1.625	3.500	1.75
FBG12	307 200	9/16	1	0.380	1.500	3.500	1.75
FB2G12	614 400	9/16	2	0.630	1.625	3.500	1.75
FB3G12	921 600	9/16	3	0.850	1.625	3.500	1.75
FB4G12	1 228 800	9/16	4	1.000	1.880	3.500	1.75

*UL Listed 467/486 and CSA Certified C22.2 No. 41 as grounding and bonding equipment.
Standard lengths offered in 6, 12, 18, 24, 30 and 36 inches (end to end).
Change the 12 in the above catalogue numbers to the desired length.
(-1) indicates 1 bolt hole per ferrule.
For custom flexible braids, contact your Regional Sales Office.



- Tin-plated copper braids and ferrules for high conductivity and corrosion reistance.
- Flexible copper braids for use in substation and grounding applications.
- Flexible braids allow for linear expansion, equipment vibration, and offset connections.

Flat braided tinned copper cable *

Cat. No.	Circular Mils	Thickness (in.)	Width (in.)
FBBRL	24 000	0.140	0.625
FBCRL	48 000	0.418	1.000
FBDRL	76 800	0.200	1.000
FBXDRL	105 600	0.250	1.250

Cable only, sold in roll.
Minimum quantities apply to some products contact your representative for more information.

Minimum size conductors for bonding raceways and equipment

Rating or setting of overcurrent device in circuit ahead of equipment, conduit, etc. Not exceeding — Amperes	Copper Wire Circular Mils
200	26 240
300	41 740
400	52 620
500	66 360
600	83 690
800	105 600
1 000	133 100
1 200	167 800
1 600	211 600
2 000	250 000
2 500	350 000
3 000	400 000
4 000	500 000
5 000	700 000
6 000	800 000

Based on table 16 C.E.C.

Minimum size of bare copper grounding conductor

Maximum available short circuit current amperes	Maximum fault duration with exothermic weld, compression or bolted joint	
	0.5 seconds circular mils	1.0 second circular mils
5 000	26 240	47 740
10 000	52 620	83 690
15 000	83 690	105 600
20 000	105 600	167 800
25 000	133 100	211 600
30 000	167 800	211 600
35 000	211 600	250 000
40 000	211 600	300 000
50 000	250 000	350 000
60 000	300 000	500 000
70 000	350 000	600 000
80 000	400 000	600 000
90 000	500 000	700 000
100 000	500 000	700 000

Based on table 51 C.E.C.
Size calculated in accordance with IEEE No.80.