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Air-Cooled Jumpers

Air-Cooled Jumpers will meet your every welding requirement for this type of cable. Jumpers are available in circular mill sizes from 400 MCM to 2000 MCM as standards. Other circular mill sizes available upon request.

Terminals can be furnished with any desired angle.
(SEE TERMINAL STANDARD CONFIGURATIONS BELOW)

As standard and unless otherwise ordered:

(1.) the 1-1/4" width will be supplied up to and including 1500 MCM size.

(2.) the 600 - 1500 MCM size can be furnished in the 1-3/8" width.

(3.) the 2000 MCM size will be furnished in the 1-1/2" width.

When so ordered, Automotive standards will automatically be met such as Ford-WKA series and GM-CBL series.

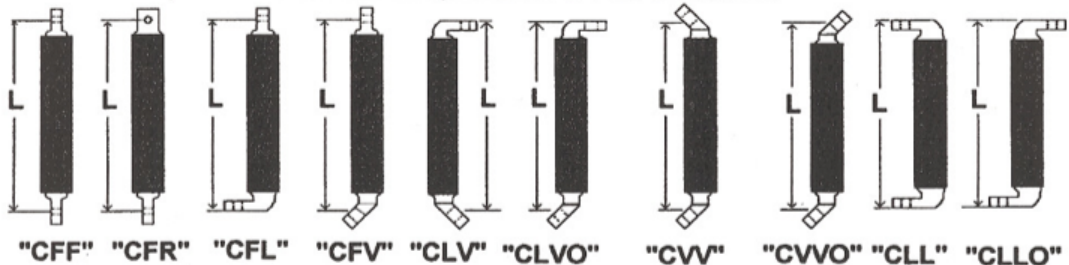
TERMINAL LENGTH:

The contact surface length of Air-Cooled Jumpers is 1-9/16". Other lengths can be furnished if special ordered.

BOLT HOLE SIZE:

All Air-Cooled Jumpers are drilled with 17/32" bolt holes, unless otherwise ordered.

When ordering please specify: ACJ/MCM Size and length bolt hole center to bolt hole center and the terminals required. If no terminals are specified the CFF will be furnished.



MCM	1-1/4" WIDE	1-3/8" WIDE	1-1/2" WIDE
400	3/8" Thick		
500	7/16"		
600	1/2"	7/16" Thick	
750	5/8"	9/16"	
1000	3/4"	1-1/16"	5/8" Thick
1200	7/8"	13/16"	3/4"
1500	1.00"	1-1/16"	1.00"
2000			1-7/16"



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DUTY CYCLE	MULTIPLIER
100 %	1.00
90 %	.95
80 %	.90
70 %	.84
60 %	.78
50 %	.71
40 %	.63
30 %	.55
20 %	.45
10 %	.32
5 %	.22
3 %	.17
2 %	.14

Determining the MCM size required

To determine the required MCM rating, it is first necessary to know: (1) the duty cycle, (2) current to be used and (3) length of the cable to be used, measured bolt hole center to bolt hole center.

Once this has been determined, proceed as follows:

1. Find the closest duty cycle shown on the multiplier chart to the left. Take your current level and multiply it times the multiplier shown. This will give you the continuous duty current of the cable.
2. Refer to the chart below. Looking up from the length of your required cable, find the angular line closest to the continuous current level you just established. Then follow the angular line to the right for the MCM rating.

Air-Cooled Jumper Selection Chart

