

# Flexible Jumper for Fence and Gate Grounding



## FEATURES

Used to bond gates, switch operating handles and any other item where movement or vibration requires a flexible grounding jumper

Multi-stranded insulated ropelay conductor provides flexibility and strand protection

Swaged ends of jumper allow larger conductor to fit in the same mold as concentric conductor

Connections are made with nVent ERICO Cadweld exothermic connections using the same mold required for other fence post connections

## SPECIFICATIONS

**Material:** Copper;Polyethylene Rubber

Table 1/1

| Catalog Number | Cable Code | Conductor Size | Cable Length |
|----------------|------------|----------------|--------------|
| FJ2G12         | 2G         | 2/0 Stranded   | 305mm        |
| FJ2G16         | 2G         | 2/0 Stranded   | 406mm        |
| FJ2Q16         | 2Q         | 4/0 Stranded   | 406mm        |
| FJ1T18         | 1T         | #2 Solid       | 457mm        |
| FJ2G18         | 2G         | 2/0 Stranded   | 457mm        |

| Catalog Number | Cable Code | Conductor Size | Cable Length |
|----------------|------------|----------------|--------------|
| FJ2Q18         | 2Q         | 4/0 Stranded   | 457mm        |
| FJ1T24         | 1T         | #2 Solid       | 610mm        |
| FJ2G24         | 2G         | 2/0 Stranded   | 610mm        |
| FJ2Q24         | 2Q         | 4/0 Stranded   | 610mm        |
| FJ2QA24        | 2Q         | 4/0 Stranded   | 610mm        |
| FJ2G30         | 2G         | 2/0 Stranded   | 762mm        |
| FJ2G36         | 2G         | 2/0 Stranded   | 914mm        |
| FJ2Q36         | 2Q         | 4/0 Stranded   | 914mm        |
| FJ1T240        | 1T         | #2 Solid       | 6096mm       |
| FJ1T42         | 1T         | #2 Solid       | 1067mm       |
| FJ1T96         | 1T         | #2 Solid       | 2438mm       |
| FJ2Q48         | 2Q         | 4/0 Stranded   | 1219mm       |
| FJ2G72         | 2G         | 2/0 Stranded   | 1829mm       |
| FJ2G120        | 2G         | 2/0 Stranded   | 3048mm       |
| FJ2G132        | 2G         | 2/0 Stranded   | 3353mm       |
| FJ2G144        | 2G         | 2/0 Stranded   | 3658mm       |
| FJ2G168        | 2G         | 2/0 Stranded   | 4267mm       |
| FJ2G180        | 2G         | 2/0 Stranded   | 4572mm       |

| Catalog Number | Cable Code | Conductor Size | Cable Length |
|----------------|------------|----------------|--------------|
| FJ2G228        | 2G         | 2/0 Stranded   | 5791mm       |
| FJ2G360        | 2G         | 2/0 Stranded   | 9144mm       |
| FJ2G84         | 2G         | 2/0 Stranded   | 2134mm       |
| FJ2G96         | 2G         | 2/0 Stranded   | 2438mm       |
| FJ2Q120        | 2Q         | 4/0 Stranded   | 3048mm       |
| FJ2Q156        | 2Q         | 4/0 Stranded   | 3962mm       |
| FJ2Q168        | 2Q         | 4/0 Stranded   | 4267mm       |
| FJ2Q180        | 2Q         | 4/0 Stranded   | 4572mm       |
| FJ2Q216        | 2Q         | 4/0 Stranded   | 5486mm       |
| FJ2Q240        | 2Q         | 4/0 Stranded   | 6096mm       |
| FJ2Q252        | 2Q         | 4/0 Stranded   | 6401mm       |
| FJ2Q384        | 2Q         | 4/0 Stranded   | 9754mm       |
| FJ2Q600        | 2Q         | 4/0 Stranded   | 15240mm      |

| Conductor Size | Pipe Size       | ERICO CADWELD Mold Part Number | Welding Material Size |
|----------------|-----------------|--------------------------------|-----------------------|
| #2 Sol         | 1 1/2" - 4"     | VBC1TV3C                       | 65                    |
| #2 Sol         | 4" - 6"         | VBC2GV5C                       | 90                    |
| 2/0 Str        | 1 1/4" - 3 1/2" | VBC2GV3C                       | 115                   |
| 2/0 Str        | 4" - 6"         | VBC2GV5C                       | 115                   |
| 4/0 Str        | 1 1/4" - 3 1/2" | VBC2QV3C                       | 115                   |
| 4/0 Str        | 4" - 6"         | VBC2QV5C                       | 115                   |

| FJ-2Q-24 |                           |                                                         |
|----------|---------------------------|---------------------------------------------------------|
| FJ       | Flexible Jumper           |                                                         |
| 2Q       | Cable Code                | #2 Solid = 1T<br>2/0 Stranded = 2G<br>4/0 Stranded = 2Q |
| 24       | Length of Jumper (inches) |                                                         |

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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