

PVC INSULATED CRIMP TERMINALS F-M

ring terminals

The unique funnel shaped PVC sleeve guarantees total insertion of the conductor strands into the terminal barrel, creating a secure and reliable, electrical and mechanical connection.

The internal surface of the barrel is rifled to improve contact with conductor strands when crimped and to increase tensile strength.

The "F" range of terminals offers a wide selection of rings, forks, pins and blades, designed to meet the ever changing end user requirements.



Technical details:


The connectors are manufactured from electrolytic Copper Cu-ETP CWO04A according to UNI EN 13599 and are tin plated with a minimum thickness of 3µm.

Main characteristics of the PVC sleeves:

- >DIELECTRIC STRENGTH (KV/mm) : >35
- >VOLUME RESISTIVITY (Ω/cm) : $>10^{15}$
- >MAX OPERATING TEMPERATURE ($^{\circ}C$) : 80
- >FLAMMABILITY (UL-94) : V0
- >DENSITY (g/cm^3) : 1,4
- >WATER ABSORPTION (%) : $0,1\pm 0,6$
- >BREAKING LOAD (N/mm^2) : 45 ± 50

The connectors can be stored at a minimum temperature not below - 40°C.

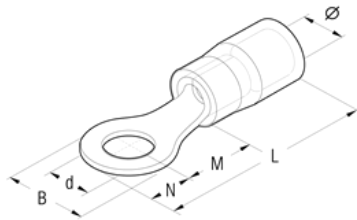
CERTIFICATES 

 2011/65/EU

PVC INSULATED CRIMP TERMINALS F-M

Technical characteristics

| | |
|---|---------------------|
| Easy entry | yes |
| UL94 class | V0 |
| Min operating temperature range | -20 °C |
| Max operating temperature range | 80 °C |
| Max operating temperature range (surge) | 90 °C |
| Dimensional form | Ring terminal |
| Material (Body) | Electrolytic copper |
| Material (Partially reinforced) | PVC |



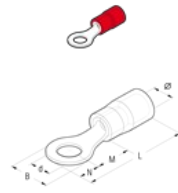
PVC INSULATED CRIMP TERMINALS F-M

List of products

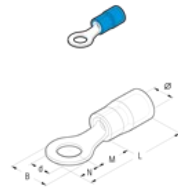
RF-M Cable type: flexible copper, Minimum section: 0.25 mm², Maximum section: 1.5 mm²



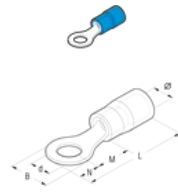
| | Type | Colour | Ø | B | M | N | L | d | Pack qty | Min. pack qty | |
|---|-----------|--------|--------|---------|---------|--------|---------|---------|----------|---------------|---|
|  | RF-M2 | Red | 3.9 mm | 5.6 mm | 4.5 mm | 2.8 mm | 17.4 mm | 2.2 mm | 3,000 | 100 |  |
| | RF-M3 | Red | 3.9 mm | 5.6 mm | 4.5 mm | 2.8 mm | 17.4 mm | 3.2 mm | 3,000 | 100 |  |
| | RF-M3.5 | Red | 3.9 mm | 5.6 mm | 4.5 mm | 2.8 mm | 17.4 mm | 3.7 mm | 3,000 | 100 |  |
| | RF-M3.5/1 | Red | 3.9 mm | 6.2 mm | 7.1 mm | 3.1 mm | 20.3 mm | 3.7 mm | 3,000 | 100 |  |
| | RF-M4 | Red | 3.9 mm | 7 mm | 6.5 mm | 3.5 mm | 20.1 mm | 4.3 mm | 3,000 | 100 |  |
| | RF-M4/3 | Red | 3.9 mm | 7.8 mm | 7.1 mm | 3.9 mm | 21.1 mm | 4.3 mm | 3,000 | 100 |  |
| | RF-M5 | Red | 3.9 mm | 7.8 mm | 7.1 mm | 3.9 mm | 21.1 mm | 5.3 mm | 2,500 | 100 |  |
| | RF-M6 | Red | 3.9 mm | 9.4 mm | 8.1 mm | 4.7 mm | 22.9 mm | 6.4 mm | 2,500 | 100 |  |
| | RF-M6/1 | Red | 3.9 mm | 12 mm | 10.3 mm | 6 mm | 26.4 mm | 6.4 mm | 2,000 | 100 |  |
| | RF-M7 | Red | 3.9 mm | 9.4 mm | 8.1 mm | 4.7 mm | 22.9 mm | 7.2 mm | 2,500 | 100 |  |
| | RF-M8 | Red | 3.9 mm | 12 mm | 10.3 mm | 6 mm | 26.4 mm | 8.4 mm | 2,000 | 100 |  |
| | RF-M10 | Red | 3.9 mm | 15.5 mm | 13 mm | 7.7 mm | 30.9 mm | 10.5 mm | 1,500 | 100 |  |
| | RF-M12 | Red | 3.9 mm | 18 mm | 15.5 mm | 9 mm | 34.6 mm | 13 mm | 1,500 | 100 |  |

RF-M Cable type: copper, Minimum section: 0.25 mm², Maximum section: 1.5 mm²


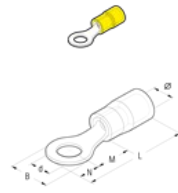
| | Type | Colour | Ø | B | M | N | L | d | Pack qty | Min. pack qty | |
|---|-----------|--------|--------|---------|---------|--------|---------|---------|----------|---------------|---|
|  | RF-M2 | Red | 3.9 mm | 5.6 mm | 4.5 mm | 2.8 mm | 17.4 mm | 2.2 mm | 3,000 | 100 |  |
| | RF-M3 | Red | 3.9 mm | 5.6 mm | 4.5 mm | 2.8 mm | 17.4 mm | 3.2 mm | 3,000 | 100 |  |
| | RF-M3.5 | Red | 3.9 mm | 5.6 mm | 4.5 mm | 2.8 mm | 17.4 mm | 3.7 mm | 3,000 | 100 |  |
| | RF-M3.5/1 | Red | 3.9 mm | 6.2 mm | 7.1 mm | 3.1 mm | 20.3 mm | 3.7 mm | 3,000 | 100 |  |
| | RF-M4 | Red | 3.9 mm | 7 mm | 6.5 mm | 3.5 mm | 20.1 mm | 4.3 mm | 3,000 | 100 |  |
| | RF-M4/3 | Red | 3.9 mm | 7.8 mm | 7.1 mm | 3.9 mm | 21.1 mm | 4.3 mm | 3,000 | 100 |  |
| | RF-M5 | Red | 3.9 mm | 7.8 mm | 7.1 mm | 3.9 mm | 21.1 mm | 5.3 mm | 2,500 | 100 |  |
| | RF-M6 | Red | 3.9 mm | 9.4 mm | 8.1 mm | 4.7 mm | 22.9 mm | 6.4 mm | 2,500 | 100 |  |
| | RF-M6/1 | Red | 3.9 mm | 12 mm | 10.3 mm | 6 mm | 26.4 mm | 6.4 mm | 2,000 | 100 |  |
| | RF-M7 | Red | 3.9 mm | 9.4 mm | 8.1 mm | 4.7 mm | 22.9 mm | 7.2 mm | 2,500 | 100 |  |
| | RF-M8 | Red | 3.9 mm | 12 mm | 10.3 mm | 6 mm | 26.4 mm | 8.4 mm | 2,000 | 100 |  |
| | RF-M10 | Red | 3.9 mm | 15.5 mm | 13 mm | 7.7 mm | 30.9 mm | 10.5 mm | 1,500 | 100 |  |
| | RF-M12 | Red | 3.9 mm | 18 mm | 15.5 mm | 9 mm | 34.6 mm | 13 mm | 1,500 | 100 |  |

BF-M Cable type: copper, Minimum section: 1.5 mm², Maximum section: 2.5 mm²


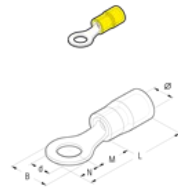
| | Type | Colour | Ø | B | M | N | L | d | Pack qty | Min. pack qty | |
|---|-----------|--------|--------|---------|---------|--------|---------|---------|----------|---------------|---|
|  | BF-M2 | Blue | 4.9 mm | 5.6 mm | 5 mm | 2.8 mm | 17.9 mm | 2.2 mm | 3,000 | 100 |  |
| | BF-M3 | Blue | 4.9 mm | 5.6 mm | 5 mm | 2.8 mm | 17.9 mm | 3.2 mm | 2,500 | 100 |  |
| | BF-M3.5 | Blue | 4.9 mm | 5.6 mm | 5 mm | 2.8 mm | 17.9 mm | 3.7 mm | 2,500 | 100 |  |
| | BF-M3.5/1 | Blue | 4.9 mm | 6.2 mm | 6.5 mm | 3.1 mm | 19.7 mm | 3.7 mm | 2,500 | 100 |  |
| | BF-M4 | Blue | 4.9 mm | 8 mm | 6.5 mm | 4 mm | 20.6 mm | 4.3 mm | 2,500 | 100 |  |
| | BF-M5 | Blue | 4.9 mm | 8 mm | 7.5 mm | 4 mm | 21.6 mm | 5.3 mm | 2,000 | 100 |  |
| | BF-M6 | Blue | 4.9 mm | 9.4 mm | 8.6 mm | 4.7 mm | 23.4 mm | 6.4 mm | 2,000 | 100 |  |
| | BF-M6/1 | Blue | 4.9 mm | 12 mm | 10.3 mm | 6 mm | 26.4 mm | 6.4 mm | 2,000 | 100 |  |
| | BF-M6/2 | Blue | 4.9 mm | 8.4 mm | 5.4 mm | 4.2 mm | 19.7 mm | 6.4 mm | 2,500 | 100 |  |
| | BF-M7 | Blue | 4.9 mm | 10 mm | 7.8 mm | 5 mm | 22.9 mm | 7.2 mm | 2,000 | 100 |  |
| | BF-M8 | Blue | 4.9 mm | 12 mm | 10.3 mm | 6 mm | 26.4 mm | 8.4 mm | 1,500 | 100 |  |
| | BF-M10 | Blue | 4.9 mm | 15.5 mm | 13 mm | 7.7 mm | 30.9 mm | 10.5 mm | 1,500 | 100 |  |
| | BF-M12 | Blue | 4.9 mm | 18 mm | 15.5 mm | 9 mm | 34.6 mm | 13 mm | 1,500 | 100 |  |

BF-M Cable type: flexible copper, Minimum section: 1.5 mm², Maximum section: 2.5 mm²


| | Type | Colour | Ø | B | M | N | L | d | Pack qty | Min. pack qty | |
|---|-----------|--------|--------|---------|---------|--------|---------|---------|----------|---------------|---|
|  | BF-M2 | Blue | 4.9 mm | 5.6 mm | 5 mm | 2.8 mm | 17.9 mm | 2.2 mm | 3,000 | 100 |  |
| | BF-M3 | Blue | 4.9 mm | 5.6 mm | 5 mm | 2.8 mm | 17.9 mm | 3.2 mm | 2,500 | 100 |  |
| | BF-M3.5 | Blue | 4.9 mm | 5.6 mm | 5 mm | 2.8 mm | 17.9 mm | 3.7 mm | 2,500 | 100 |  |
| | BF-M3.5/1 | Blue | 4.9 mm | 6.2 mm | 6.5 mm | 3.1 mm | 19.7 mm | 3.7 mm | 2,500 | 100 |  |
| | BF-M4 | Blue | 4.9 mm | 8 mm | 6.5 mm | 4 mm | 20.6 mm | 4.3 mm | 2,500 | 100 |  |
| | BF-M5 | Blue | 4.9 mm | 8 mm | 7.5 mm | 4 mm | 21.6 mm | 5.3 mm | 2,000 | 100 |  |
| | BF-M6 | Blue | 4.9 mm | 9.4 mm | 8.6 mm | 4.7 mm | 23.4 mm | 6.4 mm | 2,000 | 100 |  |
| | BF-M6/1 | Blue | 4.9 mm | 12 mm | 10.3 mm | 6 mm | 26.4 mm | 6.4 mm | 2,000 | 100 |  |
| | BF-M6/2 | Blue | 4.9 mm | 8.4 mm | 5.4 mm | 4.2 mm | 19.7 mm | 6.4 mm | 2,500 | 100 |  |
| | BF-M7 | Blue | 4.9 mm | 10 mm | 7.8 mm | 5 mm | 22.9 mm | 7.2 mm | 2,000 | 100 |  |
| | BF-M8 | Blue | 4.9 mm | 12 mm | 10.3 mm | 6 mm | 26.4 mm | 8.4 mm | 1,500 | 100 |  |
| | BF-M10 | Blue | 4.9 mm | 15.5 mm | 13 mm | 7.7 mm | 30.9 mm | 10.5 mm | 1,500 | 100 |  |
| | BF-M12 | Blue | 4.9 mm | 18 mm | 15.5 mm | 9 mm | 34.6 mm | 13 mm | 1,500 | 100 |  |

GF-M Cable type: copper, Minimum section: 4 mm², Maximum section: 6 mm²


| | Type | Colour | Ø | B | M | N | L | d | Pack qty | Min. pack qty | |
|---|----------|--------|--------|---------|---------|---------|---------|---------|----------|---------------|---|
|  | GF-M3 | Yellow | 6.7 mm | 8 mm | 8.1 mm | 4 mm | 26.3 mm | 3.2 mm | 1,000 | 100 |  |
| | GF-M3.5 | Yellow | 6.7 mm | 8 mm | 8.1 mm | 4 mm | 26.3 mm | 3.7 mm | 1,000 | 100 |  |
| | GF-M4 | Yellow | 6.7 mm | 9 mm | 8.1 mm | 4.5 mm | 26.8 mm | 4.3 mm | 1,000 | 100 |  |
| | GF-M5 | Yellow | 6.7 mm | 9 mm | 8.1 mm | 4.5 mm | 26.8 mm | 5.3 mm | 1,000 | 100 |  |
| | GF-M6 | Yellow | 6.7 mm | 11 mm | 11.1 mm | 5.5 mm | 30.8 mm | 6.4 mm | 1,000 | 100 |  |
| | GF-M6/1 | Yellow | 6.7 mm | 11 mm | 8.1 mm | 5.5 mm | 27.8 mm | 6.4 mm | 1,000 | 100 |  |
| | GF-M7 | Yellow | 6.7 mm | 11 mm | 11.1 mm | 5.5 mm | 30.8 mm | 7.2 mm | 1,000 | 100 |  |
| | GF-M8 | Yellow | 6.7 mm | 13.6 mm | 12.1 mm | 6.8 mm | 33.1 mm | 8.4 mm | 800 | 100 |  |
| | GF-M8/1 | Yellow | 6.7 mm | 11 mm | 8.1 mm | 5.5 mm | 27.8 mm | 8.4 mm | 1,000 | 100 |  |
| | GF-M10 | Yellow | 6.7 mm | 13.6 mm | 12.1 mm | 6.8 mm | 33.1 mm | 10.5 mm | 1,000 | 100 |  |
| | GF-M10/1 | Yellow | 6.7 mm | 15.5 mm | 13.8 mm | 7.7 mm | 35.8 mm | 10.5 mm | 1,000 | 100 |  |
| | GF-M12 | Yellow | 6.7 mm | 19 mm | 15.1 mm | 9.5 mm | 38.8 mm | 13 mm | 500 | 100 |  |
| | GF-M14 | Yellow | 6.7 mm | 21 mm | 16.1 mm | 10.5 mm | 40.8 mm | 15 mm | 500 | 100 |  |
| | GF-M16 | Yellow | 6.7 mm | 24 mm | 17.1 mm | 12.5 mm | 43.3 mm | 17 mm | 500 | 100 |  |

GF-M Cable type: flexible copper, Minimum section: 4 mm², Maximum section: 6 mm²


| | Type | Colour | Ø | B | M | N | L | d | Pack qty | Min. pack qty | |
|---|----------|--------|--------|---------|---------|---------|---------|---------|----------|---------------|---|
|  | GF-M3 | Yellow | 6.7 mm | 8 mm | 8.1 mm | 4 mm | 26.3 mm | 3.2 mm | 1,000 | 100 |  |
| | GF-M3.5 | Yellow | 6.7 mm | 8 mm | 8.1 mm | 4 mm | 26.3 mm | 3.7 mm | 1,000 | 100 |  |
| | GF-M4 | Yellow | 6.7 mm | 9 mm | 8.1 mm | 4.5 mm | 26.8 mm | 4.3 mm | 1,000 | 100 |  |
| | GF-M5 | Yellow | 6.7 mm | 9 mm | 8.1 mm | 4.5 mm | 26.8 mm | 5.3 mm | 1,000 | 100 |  |
| | GF-M6 | Yellow | 6.7 mm | 11 mm | 11.1 mm | 5.5 mm | 30.8 mm | 6.4 mm | 1,000 | 100 |  |
| | GF-M6/1 | Yellow | 6.7 mm | 11 mm | 8.1 mm | 5.5 mm | 27.8 mm | 6.4 mm | 1,000 | 100 |  |
| | GF-M7 | Yellow | 6.7 mm | 11 mm | 11.1 mm | 5.5 mm | 30.8 mm | 7.2 mm | 1,000 | 100 |  |
| | GF-M8 | Yellow | 6.7 mm | 13.6 mm | 12.1 mm | 6.8 mm | 33.1 mm | 8.4 mm | 800 | 100 |  |
| | GF-M8/1 | Yellow | 6.7 mm | 11 mm | 8.1 mm | 5.5 mm | 27.8 mm | 8.4 mm | 1,000 | 100 |  |
| | GF-M10 | Yellow | 6.7 mm | 13.6 mm | 12.1 mm | 6.8 mm | 33.1 mm | 10.5 mm | 1,000 | 100 |  |
| | GF-M10/1 | Yellow | 6.7 mm | 15.5 mm | 13.8 mm | 7.7 mm | 35.8 mm | 10.5 mm | 1,000 | 100 |  |
| | GF-M12 | Yellow | 6.7 mm | 19 mm | 15.1 mm | 9.5 mm | 38.8 mm | 13 mm | 500 | 100 |  |
| | GF-M14 | Yellow | 6.7 mm | 21 mm | 16.1 mm | 10.5 mm | 40.8 mm | 15 mm | 500 | 100 |  |
| | GF-M16 | Yellow | 6.7 mm | 24 mm | 17.1 mm | 12.5 mm | 43.3 mm | 17 mm | 500 | 100 |  |