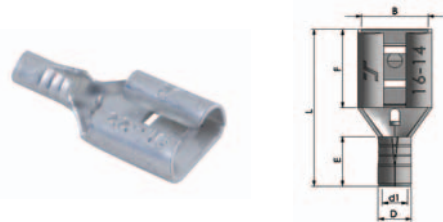


# NON-INSULATED FEMALE DISCONNECTS

## Specifications

- **Terminal Material:** Brass
- **Plating:** Electro Tin Plated



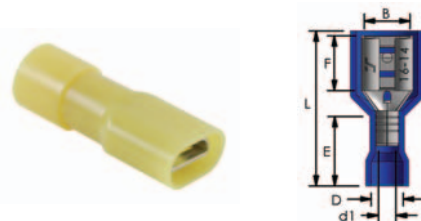
## Ordering Information:

| Wire Range<br>AWG / mm <sup>2</sup>            | NTE Part<br>Number | Dimensions inch(mm)        |            |             |            |            |            |            |
|------------------------------------------------|--------------------|----------------------------|------------|-------------|------------|------------|------------|------------|
|                                                |                    | NEMA Tab                   | B          | L           | F          | E          | D          | d1         |
| NEW<br>22 – 18 AWG<br>0.5 – 1.5mm <sup>2</sup> | 76-FD22            | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | .630 (16.0) | .311 (7.9) | .197 (5.0) | .106 (2.7) | .067 (1.7) |
|                                                | 76-FD22-110        | .032 x .110<br>(0.8 x 2.8) | .126 (3.2) | .531 (13.5) | .252 (6.4) | .197 (5.0) | .106 (2.7) | .067 (1.7) |
|                                                | 76-FD22-187        | .032 x .187<br>(0.8 x 4.8) | .197 (5.0) | .551 (14.0) | .256 (6.5) | .197 (5.0) | .106 (2.7) | .067 (1.7) |
|                                                | 76-FD22-187-2      | .020 x .187<br>(0.5 x 4.8) | .197 (5.0) | .551 (14.0) | .256 (6.5) | .197 (5.0) | .106 (2.7) | .067 (1.7) |
| NEW<br>16 – 14 AWG<br>1.5–2.5mm <sup>2</sup>   | 76-FD16            | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | .630 (16.0) | .311 (7.9) | .197 (5.0) | .130 (3.3) | .091 (2.3) |
|                                                | 76-FD16-110        | .032 x .110<br>(0.8 x 2.8) | .126 (3.2) | .531 (13.5) | .252 (6.4) | .197 (5.0) | .130 (3.3) | .091 (2.3) |
|                                                | 76-FD16-187        | .032 x .187<br>(0.8 x 4.8) | .197 (5.0) | .551 (14.0) | .256 (6.5) | .197 (5.0) | .130 (3.3) | .091 (2.3) |
| 12 – 10 AWG<br>4–6mm <sup>2</sup>              | 76-FD12            | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | .630 (16.0) | .311 (7.9) | .236 (6.0) | .177 (4.5) | .134 (3.4) |

# PVC FULLY INSULATED FEMALE DISCONNECTS

## Specifications

- **Maximum Electrical Rating:** 300 Volts
- **Maximum Temperature:** +75°C
- **Terminal Material:** Brass
- **Plating:** Electro Tin Plated
- **Insulated Material:** Vinyl (PVC)



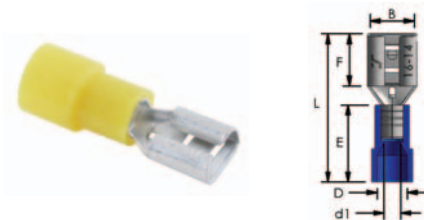
## Ordering Information:

| Wire Range<br>AWG / mm <sup>2</sup>     | NTE Part<br>Number | Dimensions inch(mm)        |            |             |            |             |            |            |
|-----------------------------------------|--------------------|----------------------------|------------|-------------|------------|-------------|------------|------------|
|                                         |                    | NEMA Tab                   | B          | L           | F          | E           | D          | d1         |
| 22 – 18 AWG<br>0.5 – 1.5mm <sup>2</sup> | 76-FIFD22-110      | .032 x .110<br>(0.8 x 2.8) | .126 (3.2) | .768 (19.5) | .252 (6.4) | .394 (10.0) | .157 (4.0) | .067 (1.7) |
|                                         | 76-FIFD22-187      | .032 x .187<br>(0.8 x 4.8) | .197 (5.0) | .768 (19.5) | .256 (6.5) | .394 (10.0) | .157 (4.0) | .067 (1.7) |
|                                         | 76-FIFD22-250      | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | .866 (22.0) | .311 (7.9) | .394 (10.0) | .157 (4.0) | .067 (1.7) |
| 16 – 14 AWG<br>1.5–2.5mm <sup>2</sup>   | 76-FIFD16-187      | .032 x .187<br>(0.8 x 4.8) | .197 (5.0) | .827 (21.0) | .256 (6.5) | .394 (10.0) | .177 (4.5) | .091 (2.3) |
|                                         | 76-FIFD16-250      | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | .866 (22.0) | .311 (7.9) | .394 (10.0) | .177 (4.5) | .091 (2.3) |
| 12 – 10 AWG<br>4–6mm <sup>2</sup>       | 76-FIFD12-250      | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | .984 (25.0) | .311 (7.9) | .512 (13.0) | .217 (5.5) | .134 (3.4) |

# NYLON INSULATED FEMALE DISCONNECTS

## Specifications

- **Maximum Electrical Rating:** 300 Volts
- **Maximum Temperature:** +105°C
- **Terminal Material:** Brass
- **Plating:** Electro Tin Plated
- **Insulated Material:** Easy Entry Nylon



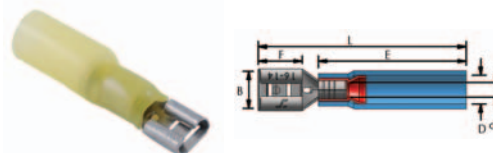
## Ordering Information:

| Wire Range<br>AWG / mm <sup>2</sup>     | NTE Part<br>Number | Dimensions inch(mm)        |            |             |            |             |            |            |
|-----------------------------------------|--------------------|----------------------------|------------|-------------|------------|-------------|------------|------------|
|                                         |                    | NEMA Tab                   | B          | L           | F          | E           | D          | d1         |
| 22 – 18 AWG<br>0.5 – 1.5mm <sup>2</sup> | 76-NIFD22-110      | .032 x .110<br>(0.8 x 2.8) | .126 (3.2) | .768 (19.5) | .252 (6.4) | .433 (11.0) | .161 (4.1) | .067 (1.7) |
|                                         | 76-NIFD22-187      | .032 x .187<br>(0.8 x 4.8) | .197 (5.0) | .787 (20.0) | .256 (6.5) | .433 (11.0) | .161 (4.1) | .067 (1.7) |
|                                         | 76-NIFD22-250      | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | .866 (22.0) | .311 (7.9) | .433 (11.0) | .161 (4.1) | .067 (1.7) |
| 16 – 14 AWG<br>1.5–2.5mm <sup>2</sup>   | 76-NIFD16-110      | .032 x .110<br>(0.8 x 2.8) | .126 (3.2) | .768 (19.5) | .252 (6.4) | .433 (11.0) | .189 (4.8) | .091 (2.3) |
|                                         | 76-NIFD16-187      | .032 x .187<br>(0.8 x 4.8) | .197 (5.0) | .787 (20.0) | .256 (6.5) | .433 (11.0) | .189 (4.8) | .091 (2.3) |
|                                         | 76-NIFD16-250      | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | .866 (22.0) | .311 (7.9) | .433 (11.0) | .189 (4.8) | .091 (2.3) |
| 12 – 10 AWG<br>4–6mm <sup>2</sup>       | 76-NIFD12-250      | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | .943 (24.0) | .311 (7.9) | .512 (13.0) | .256 (6.5) | .134 (3.4) |

# HEAT SHRINK INSULATED FEMALE DISCONNECTS

## Specifications

- **Waterproof**
- **Maximum Electrical Rating:** 300 Volts
- **Shrink Temperature:** +150°C
- **Operating Temperature:** –10° to +105°C
- **Terminal Material:** Brass
- **Plating:** Electro Tin Plated
- **Reinforcement Sleeve:** Double Crimp C Type Sleeve
- **Insulated Material:** Heat Shrinkable Tube



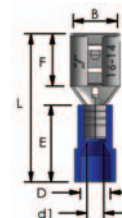
## Ordering Information:

| Wire Range<br>AWG / mm <sup>2</sup>     | NTE Part<br>Number | Dimensions inch(mm)        |            |              |            |              |            |            |
|-----------------------------------------|--------------------|----------------------------|------------|--------------|------------|--------------|------------|------------|
|                                         |                    | NEMA Tab                   | B          | L            | F          | E            | D          | d1         |
| 22 – 18 AWG<br>0.5 – 1.5mm <sup>2</sup> | 76-HIFD22          | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | 1.417 (36.0) | .311 (7.9) | 1.043 (26.5) | .177 (4.5) | .067 (1.7) |
| 16 – 14 AWG<br>1.5–2.5mm <sup>2</sup>   | 76-HIFD16          | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | 1.417 (36.0) | .311 (7.9) | 1.043 (26.5) | .217 (5.5) | .091 (2.3) |
| 12 – 10 AWG<br>4–6mm <sup>2</sup>       | 76-HIFD12          | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | 1.417 (36.0) | .311 (7.9) | 1.043 (26.5) | .315 (8.0) | .134 (3.4) |

# PVC INSULATED FEMALE DISCONNECTS

## Specifications

- **Maximum Electrical Rating:** 300 Volts
- **Maximum Temperature:** +75°C
- **Terminal Material:** Brass
- **Plating:** Electro Tin Plated
- **Insulated Material:** Vinyl (PVC)



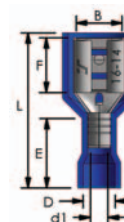
## Ordering Information:

|     | Wire Range<br>AWG / mm <sup>2</sup>     | NTE Part<br>Number | Dimensions inch(mm)        |            |             |            |             |            |            |
|-----|-----------------------------------------|--------------------|----------------------------|------------|-------------|------------|-------------|------------|------------|
|     |                                         |                    | NEMA Tab                   | B          | L           | F          | E           | D          | d1         |
| NEW | 22 – 18 AWG<br>0.5 – 1.5mm <sup>2</sup> | 76-IFD22-110       | .032 x .110<br>(0.8 x 2.8) | .126 (3.2) | .728 (18.5) | .252 (6.4) | .394 (10.0) | .157 (4.0) | .067 (1.7) |
| NEW |                                         | 76-IFD22-187       | .032 x .187<br>(0.8 x 4.8) | .197 (5.0) | .748 (19.0) | .256 (6.5) | .394 (10.0) | .157 (4.0) | .067 (1.7) |
| NEW |                                         | 76-IFD22-250       | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | .827 (21.0) | .311 (7.9) | .394 (10.0) | .157 (4.0) | .067 (1.7) |
| NEW | 16 – 14 AWG<br>1.5–2.5mm <sup>2</sup>   | 76-IFD16-110       | .032 x .110<br>(0.8 x 2.8) | .126 (3.2) | .728 (18.5) | .252 (6.4) | .394 (10.0) | .177 (4.5) | .091 (2.3) |
| NEW |                                         | 76-IFD16-187       | .032 x .187<br>(0.8 x 4.8) | .197 (5.0) | .748 (19.0) | .256 (6.5) | .394 (10.0) | .177 (4.5) | .091 (2.3) |
| NEW |                                         | 76-IFD16-250       | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | .827 (21.0) | .311 (7.9) | .394 (10.0) | .177 (4.5) | .091 (2.3) |
| NEW | 12 – 10 AWG<br>4–6mm <sup>2</sup>       | 76-IFD12-250       | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | .925 (23.5) | .311 (7.9) | .492 (12.5) | .217 (5.5) | .134 (3.4) |

# NYLON FULLY INSULATED FEMALE DISCONNECTS

## Specifications

- **Maximum Electrical Rating:** 300 Volts
- **Maximum Temperature:** +105°C
- **Terminal Material:** Brass
- **Plating:** Electro Tin Plated
- **Insulated Material:** Easy Entry Nylon



## Ordering Information:

|     | Wire Range<br>AWG / mm <sup>2</sup>     | NTE Part<br>Number | Dimensions inch(mm)        |            |             |            |             |            |            |
|-----|-----------------------------------------|--------------------|----------------------------|------------|-------------|------------|-------------|------------|------------|
|     |                                         |                    | NEMA Tab                   | B          | L           | F          | E           | D          | d1         |
| NEW | 22 – 18 AWG<br>0.5 – 1.5mm <sup>2</sup> | 76-NFIFD22         | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | .866 (22.0) | .311 (7.9) | .413 (10.5) | .165 (4.2) | .067 (1.7) |
| NEW | 16 – 14 AWG<br>1.5–2.5mm <sup>2</sup>   | 76-NFIFD16         | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | .866 (22.0) | .311 (7.9) | .413 (10.5) | .193 (4.9) | .091 (2.3) |
| NEW | 12 – 10 AWG<br>4–6mm <sup>2</sup>       | 76-NFIFD12         | .032 x .250<br>(0.8 x 6.4) | .260 (6.6) | .965 (24.5) | .311 (7.9) | .512 (13.0) | .256 (6.5) | .134 (3.4) |