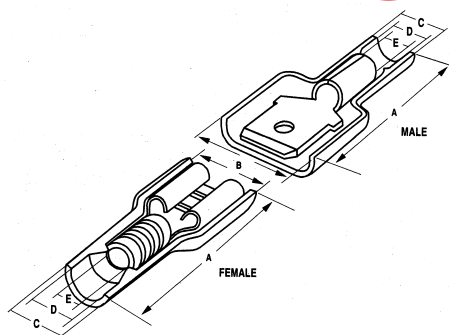


COUPLERS

These parts are available in 18 to 22 AWG through 10 to 12 AWG. These fully insulated nylon couplers are precision engineered, allowing the female terminal to fit precisely into the corresponding male housing, allowing a fully insulated in-line splice. This splice may be connected and disconnected without damage to the nylon insulation.

molex® Fully Insulated Quick Disconnects



Fully Insulated Male Couplers

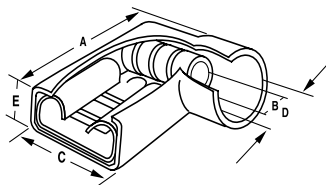
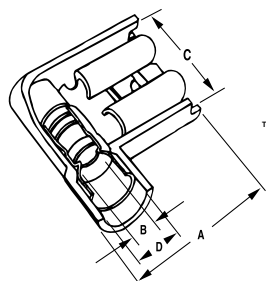
| Wire Range AWG (mm²) | Tab Size (in.) | Loose Piece Order No. | Mylar Tape Order No. | Molded Strip Order No. | Color | Stock (in.) | Dimension (in.) | | | | |
|-------------------------|-------------------|--------------------------|-------------------------|------------------------------|--------|----------------|-----------------|-----------|----------------|-----------|-----------|
| | | | | | | | A Max. | B Max. | C Max. Dia. | D MWID | E Min. |
| 18-22 (0.80-0.35) | .250 by .032 | 19004-0001 | 19004-0004 | | Red | .031 | .970 | .450 | .230 | .145 | .056 |
| 14-16 (2.00-1.30) | .250 by .032 | 19004-0005 | 19004-0008 | | Blue | .031 | .970 | .450 | .230 | .170 | .083 |
| 10-12 (5.00-3.30) | .250 by .032 | 19004-0009 | 19004-0012 | | Yellow | .031 | 1.120 | .460 | .340 | .275 | .145 |

Fully Insulated Female Couplers

| Wire Range AWG (mm²) | Accepts Tab Size (in.) | Loose Piece Order No. | Mylar Tape Order No. | Molded Strip Order No. | Color | Stock (in.) | Dimension (in.) | | | | |
|-------------------------|---------------------------|--------------------------|-------------------------|------------------------------|--------|----------------|-----------------|-----------|-----------|-----------|-----------|
| | | | | | | | A Max. | B Max. | C Max. | D MWID | E Min. |
| 18-22 (0.80-0.35) | .250 by .032 | 19005-0001 | 19005-0004 | 19005-0003 | Red | .018 | .890 | .380 | .230 | .165 | .083 |
| 14-16 (2.00-1.30) | .250 by .032 | 19005-0005 | 19005-0009 | 19005-0008 | Blue | .018 | .890 | .380 | .230 | .165 | .083 |
| 10-12 (5.00-3.30) | .250 by .032 | 19005-0010 | 19005-0015 | 19005-0014 | Yellow | .018 | 1.040 | .380 | .340 | .275 | .150 |

FLAGS, FULLY INSULATED

- Space saving design
- Available in insulated and uninsulated versions
- Because of the width mylar mounted tape parts are double spaced



Avikrimp® Fully Pre-Insulated Quick Disconnect Flags

| Wire Range AWG (mm²) | Tab Size (in.) | Loose Piece Order No. | Mylar Tape Order No. | Metal Strip Order No. | Color | Stock (in.) | Dimension (in.) | | | |
|-------------------------|-------------------|--------------------------|-------------------------|--------------------------|--------|----------------|-----------------|-----------|-----------|-----------|
| | | | | | | | A Max. | B Min. | C Max. | D MWID |
| 18-22 (0.80-0.35) | .250 by .032 | 19006-0001 | 19006-0003 | 19006-0004 | Red | .016 | .635 | .067 | .390 | .150 |
| 14-16 (2.00-1.30) | .250 by .032 | 19006-0011 | 19006-0013 | 19006-0014 | Blue | .016 | .635 | .084 | .390 | .170 |
| 10-12 (5.00-3.30) | .250 by .032 | 19006-0019 | 19006-0020 | 19006-0070 | Yellow | .016 | .766 | .128 | .390 | .248 |
| 18-22 (0.80-0.35) | .187 by .032 | 19006-0008 | 19006-0009 | 19006-0010 | Red | .016 | .635 | .067 | .390 | .150 |
| 14-16 (2.00-1.30) | .187 by .032 | 19006-0017 | 19006-0018 | 19006-0024 | Blue | .016 | .635 | .084 | .390 | .170 |
| 18-22 (0.80-0.35) | .187 by .020 | 19006-0005 | 19006-0006 | 19006-0007 | Red | .016 | .635 | .067 | .390 | .150 |
| 14-16 (2.00-1.30) | .187 by .020 | 19006-0015 | 19006-0016 | 19006-0023 | Blue | .016 | .635 | .084 | .390 | .170 |

Fully Insulated Flag Quick Disconnects (Standard Flare)

| Wire Range AWG (mm²) | Tab Size (in.) | Loose Piece Order No. | Mylar Tape Order No. | Metal Strip Order No. | Color | Stock (in.) | Dimension (in.) | | | | |
|-------------------------|-------------------|--------------------------|-------------------------|--------------------------|--------|----------------|-----------------|-----------|-----------|-----------|-----------|
| | | | | | | | A Max. | B Min. | C Max. | D MWID | E Max. |
| 18-22 (0.80-0.35) | .250 by .032 | 19007-0001 | 19007-0004 | 19007-0008 | Red | .016 | .630 | .067 | .390 | .175 | .200 |
| 14-16 (2.00-1.30) | .250 by .032 | 19007-0021 | 19007-0024 | 19007-0028 | Blue | .016 | .630 | .089 | .390 | .200 | .200 |
| 10-12 (5.00-3.30) | .250 by .032 | 19007-0040 | 19007-0053 | 19007-0041 | Yellow | .016 | .766 | .127 | .390 | .262 | .249 |
| 18-22 (0.80-0.35) | .187 by .032 | 19007-0015 | 19007-0016 | 19007-0020 | Red | .016 | .630 | .067 | .390 | .175 | .200 |
| 14-16 (2.00-1.30) | .187 by .032 | 19007-0035 | 19007-0036 | 19007-0039 | Blue | .016 | .630 | .089 | .390 | .200 | .200 |
| 18-22 (0.80-0.35) | .187 by .020 | 19007-0009 | 19007-0010 | 19007-0014 | Red | .016 | .630 | .067 | .390 | .175 | .200 |
| 14-16 (2.00-1.30) | .187 by .020 | 19007-0029 | 19007-0030 | 19007-0034 | Blue | .016 | .630 | .089 | .390 | .200 | .200 |

Fully Insulated Flag Quick Disconnects (Expanded Flare)

| Wire Range AWG (mm²) | Tab Size (in.) | Loose Piece Order No. | Mylar Tape Order No. | Metal Strip Order No. | Color | Stock (in.) | Dimension (in.) | | | | |
|-------------------------|-------------------|--------------------------|-------------------------|--------------------------|-------|----------------|-----------------|-----------|-----------|-----------|-----------|
| | | | | | | | A Max. | B Min. | C Max. | D MWID | E Max. |
| 18-22 (0.80-0.35) | .250 by .032 | 19007-0005 | 19007-0006 | 19007-0007 | Red | .016 | .660 | .067 | .390 | .240 | .200 |
| 14-16 (2.00-1.30) | .250 by .032 | 19007-0025 | 19007-0026 | 19007-0027 | Blue | .016 | .660 | .089 | .390 | .265 | .200 |
| 18-22 (0.80-0.35) | .187 by .032 | 19007-0017 | 19007-0018 | 19007-0019 | Red | .016 | .660 | .067 | .390 | .240 | .200 |
| 14-16 (2.00-1.30) | .187 by .032 | 19007-0037 | 19007-0038 | 19007-0060 | Blue | .016 | .660 | .089 | .390 | .265 | .200 |
| 18-22 (0.80-0.35) | .187 by .020 | 19007-0011 | 19007-0012 | 19007-0013 | Red | .016 | .660 | .067 | .390 | .240 | .200 |
| 14-16 (2.00-1.30) | .187 by .020 | 19007-0031 | 19007-0032 | 19007-0033 | Blue | .016 | .660 | .089 | .390 | .265 | .200 |

Note: Expanded flare not illustrated.