

Hoffman Products' Closed End Connectors are made from 6/6 nylon, UL94V2, with a tin plated copper insert and are UL certified, CSA certified and RoHS compliant.

Closed End Connectors

| Part No. | Color | Temperature | Voltage | Wire Size |
|----------|-------|-------------|---------|-----------|
| CE100 | Clear | 105°C | 300V | 22-18 |
| CE233 | Clear | 105°C | 300V | 16-14 |
| CE551 | Clear | 105°C | 300V | 12-10 |
| CE800 | Clear | 105°C | 300V | 8 |
| CE233HR | White | 150°C | 300V | 16-14 |
| CE551HR | White | 150°C | 300V | 12-10 |
| 2218SDB | Clear | 105°C | 300V | 22-18 |
| 1614SDB | Clear | 105°C | 300V | 16-14 |
| 1210SBD | Clear | 105°C | 300V* | 12-10 |
| 8SDB | Clear | 105°C | 300V* | 8 |

**Also available in 600V version*

Speed-Ease™ Connectors have a grooved outer design to enable easy twisting even when hands may be greasy. They also provide a threaded inner edge which grabs the wires to provide faster and smoother twisting. A unique funnel entry design helps feed the wires into the connector quickly and easily.

SPEED-EASE™ CONNECTORS

- **Speed-Ease™:** These uniquely designed connectors will save you money! Designed with a narrower outer barrel but the same inner dimensions as a standard type so they fit into tight spaces. They can also handle temperatures up to 105°C (221°F).
- **Standard Speed-Ease™:** Color coded with a square wire insert that grabs the wires producing a secure connection. Designed to handle temperatures up to 105°C (221°F).
- **Black High Temperature Speed-Ease™:** Designed to handle higher temperatures up to 150°C (302°F).
- **Wing Tab Speed-Ease™:** Designed with a square wire insert with wing tabs to make the twist action easier.

GROUND CONNECTORS

- Designed for making ground connections and bonding for non-metallic sheathed cable.

Speed-Ease™ Connectors



| Part No. | Color | Wire Range (min) | Wire Range (max) | Voltage |
|----------|--------|------------------|------------------|---------|
| SEHE3 | Orange | 1#18+1#20 | 4#16+1#20 | 600 |
| SEHE4 | Yellow | 3#20 | 1#10+2#14+1#16 | 600 |
| SEHE5 | Red | 3#18 | 3#10 | 600 |

Standard Speed-Ease™ Connectors



| Part No. | Color | Wire Range (min) | Wire Range (max) | Voltage |
|----------|--------|------------------|------------------|---------|
| HE1 | Gray | 2#22 | 1#14+1#20 | 300 |
| HE2 | Blue | 2#22 | 3#16 | 300 |
| HE3 | Orange | 1#18+1#20 | 4#16+1#16 | 600 |
| HE4 | Yellow | 3#20 | 1#10+2#14+1#16 | 600 |
| HE5 | Red | 3#18 | 3#10 | 600 |

Black High Temperature Speed-Ease™



| Part No. | Color | Wire Range (min) | Wire Range (max) | Voltage |
|----------|-------|------------------|------------------|---------|
| HE1H | Black | 3#22 | 2#16 | 300 |
| HE3H | Black | 3#20 | 2#14+1#16 | 300 |

Wing Tab Speed-Ease™ Connectors



| Part No. | Color | Wire Range (min) | Wire Range (max) | Voltage |
|----------|--------|------------------|------------------|---------|
| HE3YW | Yellow | 2#18 | 3#12 | 600 |
| HE4TW | Tan | 3#22 | 3#10 | 600 |
| HE5RW | Red | 3#16 | 5#12 | 600 |
| HE6GW | Gray | 3#14+1#18 | 3#10 | 600 |
| HE7BW | Blue | 2#10+1#12 | 1#18+3#10 | 600 |

Ground Connectors



| Part No. | Color | Wire Range (min) | Wire Range (max) | Voltage |
|----------|-------|------------------|------------------|---------|
| HE9GD | Green | 2#14 | 3#12+1#14 | - |

CONNECTORS

Speed-E Connectors are made for quick, fast and efficient splicing. They can also reduce installation costs up to 200%. Available in both solid and clear plastic housings with 2-8 positions. For solid copper wire in ranges 12-22 AWG only. Color coded for easy identification. 24 AMP, 600 Volt, 6/6 nylon, temperature: 105°C (221°F).

SPEED-E CONNECTORS

- UL/CSA Certified, VDE Approved Flame Retardant Thermoplastic, UL94V2.

TRANSPARENT SPEED-E CONNECTORS

- UL/CSA Certified, VDE Approved Flame Retardant Thermoplastic, UL94V2.

Speed-E Connectors



| Part No. | Color | # of Positions |
|----------|--------|----------------|
| SPEEDE2 | Red | 2 |
| SPEEDE3 | Orange | 3 |
| SPEEDE4 | Yellow | 4 |
| SPEEDE5 | Gray | 5 |
| SPEEDE8 | Black | 8 |

Transparent Speed-E Connectors



| Part No. | Color | # of Positions |
|-----------|--------|----------------|
| SPEEDE2CL | Red | 2 |
| SPEEDE3CL | Orange | 3 |
| SPEEDE4CL | Yellow | 4 |
| SPEEDE5CL | Gray | 5 |
| SPEEDE8CL | Black | 8 |

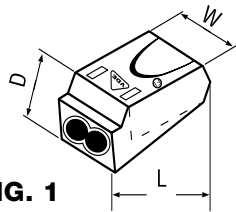


FIG. 1

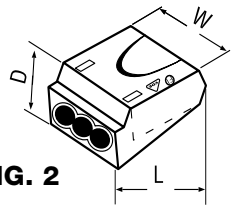


FIG. 2

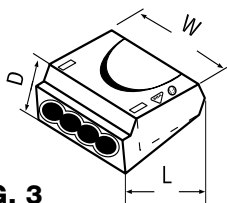


FIG. 3

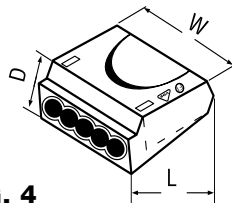


FIG. 4

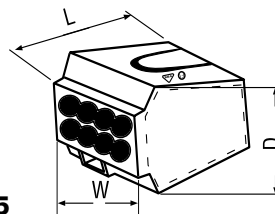


FIG. 5

Speed-E Connector Dimensions

| Figure No. | Part No. | PART No. (Clear) | W (mm) | D (mm) | L (mm) | Poles |
|------------|----------|---------------------|--------|--------|--------|-------|
| 1 | SPEEDE2 | SPEEDE2CL | 10.5 | 9.5 | 19.5 | 2 |
| 2 | SPEEDE3 | SPEEDE3CL | 13.5 | 9.5 | 19.7 | 3 |
| 3 | SPEEDE4 | SPEEDE4CL | 17.2 | 9.5 | 19.7 | 4 |
| 4 | SPEEDE5 | SPEEDE5CL | 21.1 | 9.5 | 19.7 | 5 |
| 5 | SPEEDE8 | SPEEDE8CL | 17.5 | 16.8 | 19 | 8 |

Butt Connectors

| Non-Insulated | Vinyl Butted Seam Flared | Vinyl Tubular Flared | Nylon Straight Butted Seam | Nylon Straight Tubular | Nylon Flared Butted Seam | Nylon Flared Tubular | Nylon Window with Sleeve | High Temp 650°F | High Temp 900°F | Heat Shrink |
|---------------|--------------------------|----------------------|----------------------------|------------------------|--------------------------|----------------------|--------------------------|-----------------|-----------------|-------------|
| C2216 | FVC2216WS | FVC2216 | NCL2216 | NC2216 | FNC2216WS | FNC2216 | NDCW2216 | C2216NPT | WSC2216HT | HSC2216 |
| C1614 | FVC1614WS | FVC1614 | NCL1614 | NC1614 | FNC1614WS | FNC1614 | NDCW1614 | C1614NPT | WS1614HT | HSC1614 |
| C1210 | FVC1210WS | FVC1210 | NCL1210 | NC1210 | FNC1210WS | FNC1210 | NDCW1210 | C1210NPT | WS1210HT | HSC1210 |
| C2622 | - | - | - | NC2622 | - | - | - | - | - | - |

Parallel Connectors

| Non-Insulated | Vinyl Butted Seam Flared | Vinyl Tubular Flared | Nylon Straight Butted Seam | Nylon Straight Tubular | Nylon Flared Butted Seam | Nylon Flared Tubular | Nylon Window with Sleeve | High Temp 650°F | High Temp 900°F | Heat Shrink |
|---------------|--------------------------|----------------------|----------------------------|------------------------|--------------------------|----------------------|--------------------------|-----------------|-----------------|-------------|
| P2216 | - | FVP2216 | - | NP2216 | - | FNP2216 | - | P2216NPT | - | - |
| P1614 | - | FVP1614 | - | NP1614 | - | FNP1614 | - | P1614NPT | - | - |
| P1210 | - | FVP1210 | - | NP1210 | - | FNP1210 | - | P1210NPT | - | - |
| PC2216 | FVLP2216R2 | - | - | - | FNPC2216 | - | - | - | - | - |
| PC1614 | FVLP1614 | - | - | - | FNPC1614 | - | - | - | - | - |
| PC1210 | FVLP1210 | - | - | - | FNPC1210 | - | - | - | - | - |

8-600MCM

Butt Connectors

| Wire Size | Non-Insulated | Vinyl Butted Seam Flared |
|-----------|---------------|--------------------------|
| 8 | C8R1 | FVC8R1 |
| 6 | C6R1 | FVC6R1 |
| 4 | C4R1 | - |
| 2 | C2R1 | - |
| 1/0 | C1/0R1 | - |
| 2/0 | C2/0R1 | - |
| 3/0 | C3/0R1 | - |
| 4/0 | C4/0R1 | - |
| 300MCM | C150R1 | - |
| 350MCM | C200R1 | - |
| 500MCM | C250R1 | - |
| 600MCM | C300R1 | - |

8-500MCM

Parallel Connectors

| Wire Size | Non-Insulated |
|------------|---------------|
| 8 | P8R1 |
| 6 | P6R1 |
| 4 | P4R1 |
| 2 | P2R1 |
| 1/0 | P1/0R1 |
| 2/0 | P2/0R1 |
| 3/0 | P3/0R1 |
| 4/0 | P4/0R1 |
| 250-300MCM | P150R1 |
| 350MCM | P250R1 |
| 400-500MCM | P300R1 |

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