

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

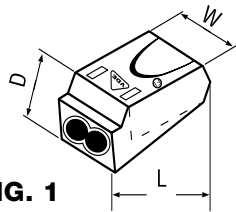


FIG. 1

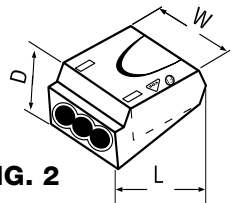


FIG. 2

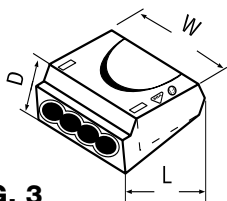


FIG. 3

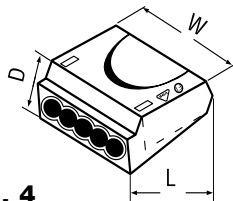


FIG. 4

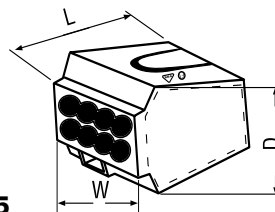


FIG. 5

## 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