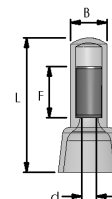


# NYLON FULLY INSULATED CLOSE END CONNECTORS



## Specifications

- Maximum Electrical Rating: 300 Volts
- Maximum Temperature: +105°C
- Terminal Material: Copper
- Plating: Tin
- Insulated Material: Nylon



## Ordering Information:

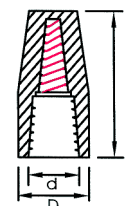
Wire Range AWG / mm <sup>2</sup>	NTE Part Number	Dimensions inch(mm)				
		B	L	F	D	d
22 - 18 AWG 0.5 - 1.5mm <sup>2</sup>	76-NFICEC22	.197 (5.0)	.709 (18.0)	.315 (8.0)	.256 (6.5)	.094 (2.4)
16 - 14 AWG 1.5-2.5mm <sup>2</sup>	76-NFICEC16	.217 (5.5)	.827 (21.0)	.354 (9.0)	.315 (9.0)	.118 (3.0)
12 - 10 AWG 4-6mm <sup>2</sup>	76-NFICEC12	.276 (7.0)	.985 (25.0)	.394 (10.0)	.413 (10.5)	.157 (4.0)
8 AWG 8mm <sup>2</sup>	76-NFICEC8	.354 (9.0)	1.102 (28.0)	.433 (11.0)	.492 (12.5)	.189 (4.8)

# TWIST-ON WIRE CONNECTORS / WIRE NUTS WITH SPRING INSERT



## Specifications

- Maximum Electrical Rating: 300 Volts / 600 Volts
- Maximum Temperature: +105°C
- Insulated Material: PVC



## Ordering Information:

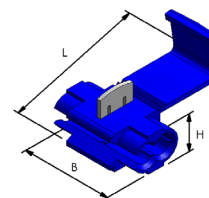
Wire Range AWG / mm <sup>2</sup>	NTE Part Number	Dimensions inch(mm)			Insulation Color
		d	D	L	
22 - 18 AWG	76-WN22	.264 (6.7)	.339 (8.6)	.598 (15.2)	Grey
16 - 14 AWG	76-WN16	.390 (9.9)	.472 (12.0)	.866 (22.0)	Orange
12 - 10 AWG	76-WN12	.433 (11.0)	.551 (14.0)	.965 (24.5)	Yellow

# STRIPPING QUICK SPLICE



## Specifications

- Maximum Electrical Rating: 600 Volts
- Maximum Temperature: +105°C
- Terminal Material: Brass
- Plating: Tin
- Insulated Material: Polypropylene



## Ordering Information:

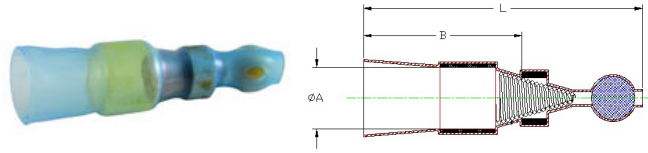
Wire Range AWG / mm <sup>2</sup>	NTE Part Number	Dimensions inch(mm)			Insulation Color
		B	H	L	
22 - 18 AWG 0.5 - 1.5mm <sup>2</sup>	76-QS22	.787 (20.0)	.315 (8.0)	.984 (25.0)	Red
16 - 14 AWG 1.5-2.5mm <sup>2</sup>	76-QS16	.787 (20.0)	.315 (8.0)	.984 (25.0)	Blue
12 - 10 AWG 4-6mm <sup>2</sup>	76-QS12	.787 (20.0)	.433 (11.0)	1.378 (35.0)	Yellow

# CLOSED END SOLDER SPLICE, SEALED



## Specifications

- **Maximum Electrical Rating:** 600VAC
- **Continuous Use Temperature:** -40° to +125°C
- **Minimum Shrink Temperature:** +150°C
- **Complete Shrinkage Temperature:** Above +175°C
- **Solder:** Bi58Sn42
- **Temperature that Solder Starts to Melt:** +138°C
- **Temperature that Solder Fully Melts:** +160°C
- **Insulated Material:** PVDF w/Hot Melt Adhesive
- **Terminal Material:** Copper
- **Wire Type:** Accepts Both Solid and Stranded Types



## Ordering Information:

NTE Part Number	Insulation Color	Dimensions inch(mm)			Wire Range mm <sup>2</sup>	
		∅ A	B	L	Min	Max
76-CESS-1	Green	.142 (3.6)	1.024 (26.0)	1.508 (38.3)	0.7	2.4
76-CESS-2	Red	.197 (5.0)	.925 (23.5)	1.484 (37.7)	2.0	4.0
79-CESS-3	Blue	.295 (7.5)	1.043 (26.5)	1.791 (45.5)	3.5	8.0
79-CESS-4	Yellow	.370 (9.4)	1.004 (25.5)	1.772 (45.0)	7.5	12

## Wire Range Notes:

Assume that you have two wires of different sizes and need to determine the correct splice to use. Wire "A" has a measurement of 0.7mm<sup>2</sup> and wire "B" has a measurement of 1.6mm<sup>2</sup>.

Using the formula,  $A + B = C$  mm<sup>2</sup> will give you:  $0.7\text{mm}^2 + 1.6\text{mm}^2 = 2.3\text{mm}^2$

In the Ordering Information Table above, the value 2.3mm<sup>2</sup> falls between 0.7 and 2.4 shown for the device number, 76-CESS-1, therefore, that is the device needed for your application.