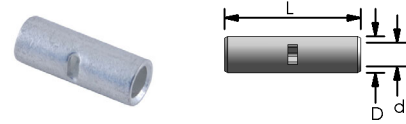


# NON-INSULATED BUTT CONNECTORS

## Specifications

- **Maximum Electrical Rating:** 600 Volts
- **Terminal Material:** Copper Tube
- **Plating:** Electro Tin Plated



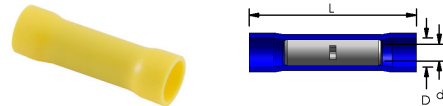
## Ordering Information:

Wire Range AWG / mm <sup>2</sup>	NTE Part Number	Dimensions inch(mm)		
		L	d	D
26 - 24 AWG 0.2 - 0.4mm <sup>2</sup>	76-BC26	.472 (12.0)	.047 (1.2)	.079 (2.0)
22 - 18 AWG 0.5 - 1.5mm <sup>2</sup>	76-BC22	.591 (15.0)	.067 (1.7)	.130 (3.3)
16 - 14 AWG 1.5-2.5mm <sup>2</sup>	76-BC16	.591 (15.0)	.091 (2.3)	.157 (4.0)
12 - 10 AWG 4-6mm <sup>2</sup>	76-BC12	.591 (15.0)	.142 (3.6)	.217 (5.5)
8 AWG 8mm <sup>2</sup>	76-BC8	.827 (21.0)	.177 (4.5)	.276 (7.0)

# PVC INSULATED BUTT CONNECTORS

## Specifications

- **Maximum Electrical Rating:** 600 Volts
- **Maximum Temperature:** +75°C
- **Terminal Material:** Copper Tube
- **Plating:** Electro Tin Plated
- **Insulated Material:** Vinyl (PVC)



## Ordering Information:

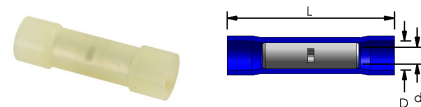
Wire Range AWG / mm <sup>2</sup>	NTE Part Number	Dimensions inch(mm)		
		L	d	D
22 - 18 AWG 0.5 - 1.5mm <sup>2</sup>	76-IBC22	1.024 (26.0)	.067 (1.7)	.161 (4.1)
16 - 14 AWG 1.5-2.5mm <sup>2</sup>	76-IBC16	1.024 (26.0)	.091 (2.3)	.177 (4.5)
12 - 10 AWG 4-6mm <sup>2</sup>	76-IBC12	1.024 (26.0)	.142 (3.6)	.256 (6.5)
8 AWG 8mm <sup>2</sup>	76-IBC8	1.398 (35.5)	.177 (4.5)	.335 (8.5)

NOTE: 76-IBC8 IS NOT cULus

# NYLON INSULATED BUTT CONNECTORS

## Specifications

- **Maximum Electrical Rating:** 600 Volts
- **Maximum Temperature:** +105°C
- **Terminal Material:** Copper Tube
- **Plating:** Electro Tin Plated
- **Insulated Material:** Nylon



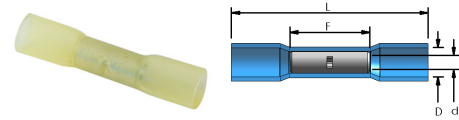
## Ordering Information:

Wire Range AWG / mm <sup>2</sup>	NTE Part Number	Dimensions inch(mm)		
		L	d	D
22 - 18 AWG 0.5 - 1.5mm <sup>2</sup>	76-NIBC22	1.024 (26.0)	.067 (1.7)	.161 (4.1)
16 - 14 AWG 1.5-2.5mm <sup>2</sup>	76-NIBC16	1.024 (26.0)	.091 (2.3)	.177 (4.5)
12 - 10 AWG 4-6mm <sup>2</sup>	76-NIBC12	1.063 (27.0)	.142 (3.6)	.256 (6.5)

# HEAT SHRINK INSULATED BUTT CONNECTORS

## Specifications

- **Waterproof**
- **Maximum Electrical Rating:** 600 Volts
- **Shrink Temperature:** +150°C
- **Operating Temperature:** -10° to +105°C
- **Terminal Material:** Copper Tube
- **Plating:** Electro Tin Plated
- **Insulated Material:** Heat Shrinkable Tube



## Ordering Information:

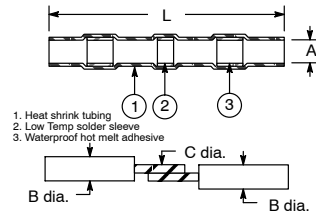
Wire Range AWG / mm <sup>2</sup>	NTE Part Number	Dimensions inch(mm)				Insulated Color
		F	L	D	d	
26 - 24 AWG 0.2 - 0.4mm <sup>2</sup>	76-HIBC26	.472 (12.0)	.945 (24.0)	.082 (2.1)	.047 (1.2)	Transparent
22 - 18 AWG 0.5 - 1.5mm <sup>2</sup>	76-HIBC22	.591 (15.0)	1.457 (37.0)	.177 (4.5)	.063 (1.6)	Red
16 - 14 AWG 1.5-2.5mm <sup>2</sup>	76-HIBC16	.591 (15.0)	1.457 (37.0)	.217 (5.5)	.091 (2.3)	Blue
12 - 10 AWG 4-6mm <sup>2</sup>	76-HIBC12	.591 (15.0)	1.614 (41.0)	.256 (6.5)	.142 (3.6)	Yellow

# HEAT SHRINK INSULATED BUTT CONNECTORS WITH INTERNAL FLUXED SOLDER RING



## Features

- No Crimping Required
- Heat Shrink is Adhesive Lined and Color Coded to Industry Standard Wire Gauges
- Transparent Heat Shrink Sleeve allows for Precise Visual Inspection
- Greater Pull Strength when Compared to PVC or Nylon Insulated Butt Connectors
- Protect Against Corrosion due to a Fully Waterproof Seal
- Rated for 1000V and +125°C with a 2:1 Shrink Ratio
- Lead Free



## Specifications

- **Waterproof Hot Melt Adhesive:** Thermally Stabilized Thermoplastic
- **Maximum Electrical Rating:** 1k Volts
- **Shrink Temperature:** +70°C
- **Starting Temperature of Solder Melt:** +138°C
- **Operating Temperature:** -55° to +125°C
- **Solder Material:** SnBi (42% Tin, 58% Bismuth)
- **Terminal Material:** Tin
- **Plating:** None
- **Insulated Material:** Heat Shrinkable Tube

## Ordering Information:

Wire Range AWG / mm <sup>2</sup>	NTE Part Number	Product Dimensions inch(mm)		Wire Dimensions inch(mm)			Insulated Color
		A (min)	L (max)	B (min)	B (max) C (min)	C (min)	
26 - 24 AWG 0.2 - 0.4mm <sup>2</sup>	76-HISBC26	.067 (1.7)	1.024 (26.0)	.039 (1.0)	.067 (1.7)	.030 (0.76)	Transparent
22 - 18 AWG 0.5 - 1.5mm <sup>2</sup>	76-HISBC22	.106 (2.7)	1.575 (40.0)	.055 (1.4)	.106 (2.7)	.047 (1.2)	Red
16 - 14 AWG 1.5-2.5mm <sup>2</sup>	76-HISBC16	.177 (4.5)	1.575 (40.0)	.090 (2.3)	.177 (4.5)	.079 (2.0)	Blue
12 - 10 AWG 4-6mm <sup>2</sup>	76-HISBC12	.268 (6.8)	1.614 (41.0)	.146 (3.7)	.268 (6.8)	.134 (3.4)	Yellow

# HEAT SHRINK INSULATED BUTT CONNECTOR KITS



## Features

- Contains Internal Fluxed Solder Ring
- 120 Piece Assortment
- 2:1 Shrink Ratio
- **Easy To Use** - Simply strip your wires, insert into the solder sleeve and apply heat. Soldered butt connections are made in seconds.
- **Operating Temperature:** -55° to +125°C
- **Shrink Temperature:** +70°C
- **Transparent Sleeve Provides Visual Inspection**
- **Improved Technology** - Lower temperature solder will melt faster and prevent burns in the insulation tubing.
- **Waterproof** - Heat activated adhesive will seal your connection making it waterproof.



## Ordering Information:

Kit Number	Color	AWG	Qty	NTE Part No.
NEW 76-HISBC-KIT	Transparent	26 - 24	30	76-HISBC26
	Red	22 - 18	40	76-HISBC22
	Blue	16 - 14	40	76-HISBC16
	Yellow	12 - 10	10	76-HISBC12

**HEAT GUN RECOMMENDED** - For best results apply heat with a heat gun while continuously rotating a connector. This technique ensures even heat distribution. Our ECG Model HG-300 Economy Heat Gun is perfect for this application.