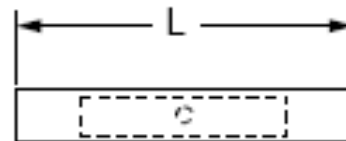




## Data Sheet

**3M** Specialty TerminalsTBSN3-M, TBSN3-Y, TBSN3-B, TBSN3-R  
Butt Connector, Nylon Insulated, Seamless

Product Number	AWG (mm <sup>2</sup> ) Wire Range O.D.	L	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter
TBSN3-M	26 – 24	0.79	.025	.20	.050	.08
TBSN3-R	22 – 18	1.08	.034	.26	.065	.12
TBSN3-B	16 – 14	1.08	.034	.26	.090	.15
TBSN3-Y	12 - 10	1.08	.041	.33	.135	.21

**Specifications**

Wire Size:	See Table Above
Barrel Seam:	Seamless
Insulator Max. Voltage Rating:	600 V Building Wire or 1000 Volts Signs or Fixtures (Luminaires)
Maximum Operating Temp:	221°F (105°C)
Maximum Current:	Same as Wire
Insulator Material:	Nylon
Terminal Material:	Copper
Terminal Planting:	Tin

**Agency Approval  
Self Certification**

UL Listed 20U0 wire connector.

**\* Not UL Listed \*****Installation Information****⚠ WARNING**

Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

UL Listed for use on stranded copper (AWG) wire only.

Strip Length:  
26-14 AWG – 5/16 in. Max.  
12-10 AWG - 3/8 in. Max

Make the crimp in the proper station of a recommended 3M™ Scotchlok™ Crimp Tool: TR-490 (ratchet style) hand tools.

For the 60-SN-A, use the 3M™ Scotchlok™ Crimp Tool TH-450.



● Barrel Crimp (Required)

**Engineering Specification**

The connector line shall offer barrel variations in wire (AWG) size (26-24, 22-18, 16-14, 12-10) and construction (non-insulated brazed seam, vinyl insulated butted seam, nylon insulated seamless, etc.) The connector line shall have regulatory agency coverage (UL Listing).

The 3M™ Nylon Insulated Seamless Butt Connector shall be tin-plated, copper, having a double-length, round seamless barrel, with a center stap and a close fitting nylon tube covering, color coded and sized for a specified (AWG) wire range (26-24, 22-18, 16-14 and 12-10).

Insulated connectors shall be UL Listed for 600 volts maximum for building wire, 1000 volts maximum for signs or fixtures, and temperature rated 221°F (105°C) maximum.

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