



## SHIELDED SLIM-LINE MODULAR PLUG

Category 6A, 6 and 5E EMT

TE Connectivity offers a new and improved version of its high-performance shielded modular plug, incorporating a slim-line boot supporting the highest-density applications. The transparent color eliminates the need of multiple colors for matching every cable assembly jacket color. Additionally, the new strain relief/shield provides 360° contact with the cable to offer increased strain relief and resistance to bending forces with minimum disturbance to pair-twist for enhanced performance. However, this new modular plug utilizes the same proven contacts, modular plug housings and performance-enhancing load bars as previous products. Also, the new modular plugs can be terminated with the same semiautomatic and hand-held tooling previously specified.

### FEATURES AND BENEFITS:

- Meets or exceeds TIA/EIA and ISO industry performance and IEC 60603-7 specifications
- Slim-line boot supports high-density applications
- Transparent boot eliminates need to inventory multiple colors
- Innovative 360° strain-relief/shield provides excellent pull and bending resistance
- Strain-relief/shield provides 360° contact with cable shield to provide superior shield effectiveness
- 360° strain-relief provides minimum disturbance to pair-twist enhancing electrical performance
- Both semiautomatic and hand-held tooling available for low-applied cost
- Recognized by Underwriters Laboratories (UL)

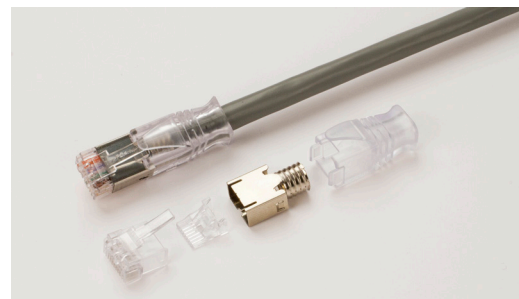
## Shielded Slim-Line Modular Plug

Category 6A, 6 and 5E EMT

### CAT 6/6A Shielded Slim-Line Modular Plug

#### FEATURES

- Each kit includes:
  - (1) Modular plug assembly
  - (1) Wire holder
  - (1) Strain relief
- Cat 6A performance achievable when used with PiMF (Pairs-in-Metal-Foil) constructed cable
- Use appropriate-sized Slim-Line Modular Plug Boot (Ordered separately)

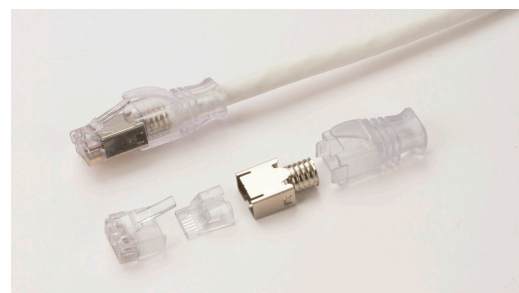


Cable Type	Conductor	Insulation OD	Cable Diameter	Package Size (500)	Package Size (100)
Shielded	Stranded 24-26 AWG	0.035" to 0.043" (0.89mm to 1.09mm)	0.201" to 0.24" (5.1mm to 6.0mm)	5-2111981-2	5-2111981-3
			0.224" to 0.28" (5.7mm to 7.0mm)	5-2111984-2	5-2111984-3

### CAT 6 Shielded Slim-Line Modular Plug

#### FEATURES

- Each kit includes:
  - (1) Modular plug assembly
  - (1) Wire holder
  - (1) Strain relief
- Use appropriate-sized Slim-Line Modular Plug Boot (Ordered separately)



Cable Type	Conductor	Insulation OD	Cable Diameter	Package Size (500)	Package Size (100)
Shielded or Unshielded	Solid 23-24 AWG	0.035" to 0.043" (0.89mm to 1.09mm)	0.185" to 0.216" 4.7mm to 5.5mm	5-2111978-2	5-2111978-3
			0.201" to 0.236" 5.1mm to 6.0mm	5-2111980-2	5-2111980-3
			0.224" to 0.276" 5.7mm to 7.0mm	5-2111983-2	5-2111983-3
Shielded or Unshielded	Stranded 24-26 AWG	0.035" to 0.043" (0.89mm to 1.09mm)	0.185" to 0.216" 4.7mm to 5.5mm	5-2111977-2	5-2111977-3
			0.201" to 0.236" 5.1mm to 6.0mm	5-2111979-2	5-2111979-3
			0.224" to 0.276" 5.7mm to 7.0mm	5-2111989-2	5-2111989-3

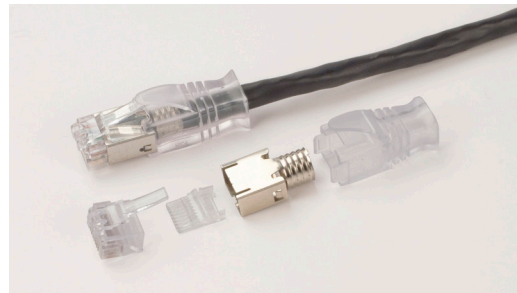
## Shielded Slim-Line Modular Plug

Category 6A, 6 and 5E EMT

### CAT 5E EMT Shielded Slim-Line Modular Plug

#### FEATURES

- Each kit includes:
  - (1) Modular plug assembly
  - (1) Wire holder
  - (1) Strain relief
- Use appropriate-sized Slim-Line Modular Plug Boot (Ordered separately)



Cable Type	Conductor	Insulation OD	Cable Diameter	Package Size (500)	Package Size (100)
Shielded	Stranded 24-26 AWG	0.035" to 0.043" (0.89mm to 1.09mm)	0.185" to 0.216" 4.7mm to 5.5mm	5-2111976-2	5-2111976-3
			0.201" to 0.236" 5.1mm to 6.0mm	5-2111986-2	5-2111986-3
			0.224" to 0.276" 5.7mm to 7.0mm	5-2111988-2	5-2111988-3

### Shielded Slim-Line Modular Plug Boot

#### FEATURES

- For use with Category 6A/6, and Cat 5e EMT modular plugs
- Accepts cables with maximum diameters listed
- Slim-line design support high-density applications
- Transparent boot eliminates need for colored boots to match cable jacket color
- Advised to use the smallest boot size possible that will accommodate cable
- Package size: 1000 pieces per box



Description	Cable Diameter	Part Number
Slim-Line Transparent Boot	0.185" to 0.236" 4.7mm to 6.0 mm	2153256-1
	0.224" to 0.276" 5.7mm to 7.0 mm	2153257-1

# Shielded Slim-Line Modular Plug

Category 6A, 6 and 5E EMT

## SPECIFICATIONS:

### Electrical:

- Dielectric Withstanding Voltage: 1000 Volts AC minimum between contacts  
1500 Volts AC minimum all contacts connected together with shield
- Insulation Resistance: 500 Megaohms minimum

### Mechanical:

- Cable-to-Plug Tensile Strength: 11.2 lbs (50N) min acc. to IEC 61395
- Durability: 750 mating cycles minimum
- Temp. Rating: -40°C to +60°C
- Flame Rating: UL 94V-0

### Environmental:

- Thermal Shock: IDC-wire interface and jack-plug interface
- Humidity Temperature Cycling: IDC-wire interface
- Humidity Steady State: Jack-plug interface
- Mixed-Flow Gas

### Product Specification:

- 108-1990 Cat 6/6A

## te.com

TE Connectivity, TE connectivity (logo) and Every Connection Counts are trademarks. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

© 2015 TE Connectivity Ltd. family of companies. All Rights Reserved.

319964AE 03/15 Original

## PRODUCT SHEET

### Contact us

P.O. Box 1101  
Minneapolis, Minnesota  
USA 55440-1101

Tel: 1-800-366-3891 x73000  
1-952-917-3000

Fax: 1-952-917-3237

[www.te.com/bns](http://www.te.com/bns)