

## Modular plugs, accessories and tooling

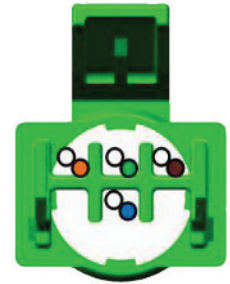
Introducing the new Cat 6A/6 modular plugs, slim-line boots and color clips

# CommScope modular plug portfolio

CommScope offers a vast portfolio of Modular Plugs for a wide variety of applications, performance and cable and conductor styles. Below is a brief explanation of the basics of this portfolio to assist in proper plug selection.

## CAT 6A, CAT 6 UTP modular plugs

CommScope Category 6A and 6 Unshielded Modular Plug (MP-6AU) utilizes a patent-pending integrated pair-manager and cable strain-relief boot. The pair-manager provides 6 (six) unique channels for pair-placement, allowing ultimate flexibility in obtaining the highest possible transmission performance with the cable being terminated. The cable-strain relief feature secures the cable and isolates the wire from movement while not impacting cable performance. The wire-manager comes in two sizes based on insulation conductor diameter to ensure excellent wire-to-contact performance. The MP-6AU modular plug can be used with solid or stranded conductors.



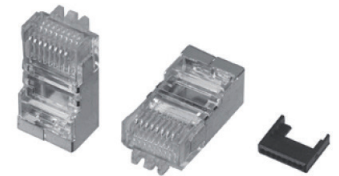
## CAT 6A, CAT 6 and CAT 5EMT modular plugs

These modular plugs consist of a three-piece design: the modular plug body with contacts; a wire holder to manage the conductors and ensure performance and; a metal strain relief for securing the cable and if used with a shielded cable provides the shielding for the plug. These plugs can be used with shielded or unshielded cables. They are available with 3 different size strain reliefs to handle the range of cable diameters. Each performance level uses slightly different wire holders to achieve the desired performance levels. All three of these plug types utilize the 2153256-1 or 2153257-1 series plug boots. They utilize the Pro-Crimper III Hand Tool (354940-1) with the appropriate die set based on strain relief diameter or Dual Terminator (1320840) with terminating module (791804-X).



## CAT 5E, 8-position plug

The CAT 5E Modular Plug is a two-piece design consisting of the modular plug body with contacts, and a load bar or wire holder. In this design the strain relief is built into the plug body. If the shielded option is desired, the plug comes with a factory installed wrap around shield. This plug utilizes the 569875, 569876 or 569877 series boot depending upon cable diameter. It utilizes the Pro-Installer tool with the "White" dot die set or Dual Terminator (1320840) with terminating module (1-856196-1).



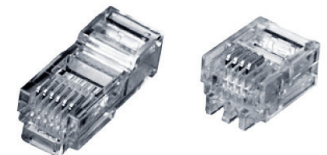
## CAT 5, 8-position modular plug

The CAT 5, 8-position plug is a one-piece design. The plug is also available for use with "round" cable as well as "flat oval" cable. Additionally, it is available in unshielded and shielded utilizing a wrap-around shield. This plug utilizes the same boots as the CAT 5E and the Pro-Installer tool with the "Black" dot die set or Dual Terminator (1320840) with terminating module (856196-2).



## 6-position modular plug

The 6-position (RJ-11) modular plug is also a one-piece design and is offered in a "standard" design 0.530 inches long and also a "long" version which is 0.895 inches long. The plug is available for round as well as flat oval cable. It is available in unshielded and shielded versions. The 6-position plug has a unique variety called "small conductor" for use with conductors with thin-wall insulation and overall diameter of 0.029 to 0.034 inches. Lastly, the 6-position plug is available with only 4 or 2 contacts installed. This plug utilizes the Pro-Installer tool with the "standard" plug using the "Blue" dot die set and the "long" using the "Violet" dot die set or Dual Terminator (1320840) with terminating module (856196-1 or -4).



## 4-position modular plug

The 4-position (telephone handset) modular plug is a one-piece design and is 0.530 inches long and is designed for use with flat-oval cables. It is only available as unshielded. The plug utilizes the "Green" dot die set with the Pro-Installer Tool or Dual Terminator (1320840) with terminating module (856196-3).



## Features and benefits

- True mass displacement termination of jacketed cable with solid or stranded conductors
- New universal contact providing reliable termination of solid or stranded conductors
- Available in all performance grades: CAT 6A, CAT 6, CAT 5E, CAT 5 and CAT 3
- Meets or exceeds EIA/TIA and ISO industry performance and specifications
- Various positions, number of contacts, housing styles and packaging options available
- The most complete line of semiautomatic and manual termination capabilities and tooling—low applied cost
- Complete line of hand-held tooling available
- Available for shielded and unshielded cable, round or flat oval, various cable diameters accommodated
- Complete line of accessories such as boots, color clips and strain reliefs
- UL Recognized Component to UL and CSA standards, File # E114344

## Specifications<sup>1</sup>

### Electrical

<b>Voltage:</b>	150 volts AC maximum
<b>Current:</b>	Signal application only, 0.75 ampere maximum
<b>Voltage proof:</b>	1000 volts AC between contacts 1500 volts AC all contacts connected together with shield
<b>Insulation resistance:</b>	500 Mega ohms minimum

### Mechanical

<b>Durability:</b>	750 mating cycles
<b>Bending:</b>	22N [5 lbs]
<b>Pull (Tensile):</b>	22N [5 lbs]
<b>Flex:</b>	50 cycles (solid conductors) or 250 cycles (stranded conductors)
<b>Torsion:</b>	10N [2.2 lbs]

### Environmental

<b>Temperature rating:</b>	-10°C to +60°C
<b>Rapid temperature:</b>	-40°C to 70°C
<b>Cyclic damp heat:</b>	25°C to 65°C @ 93%RH
<b>Mixed flow gas:</b>	IEC 60512-11-7 Method 1

### Product Specifications

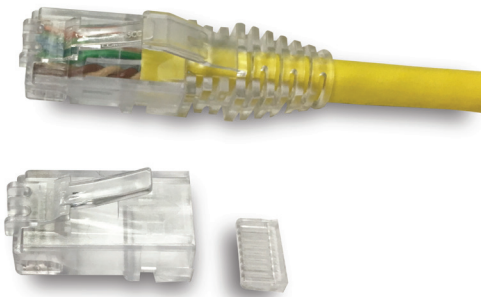
<b>108-131011</b>	Non-category modular plugs (MP-88, MP-66, MP-44 and MP-1010)
<b>108-131012</b>	Category 6 modular plugs (MP-6)
<b>108-131013</b>	Category 6A modular plugs (MP-6A)
<b>108-131014</b>	Category 5e modular plugs (MP-5E and MP-5EMT)

<sup>1</sup> Consult Product Specification, 108 documents, for exact test conditions and requirements.

# CAT 6A and CAT 6, unshielded, 8-position plug (MP-6AU-\_\_-1)

## Features

- Each kit includes:
  - Modular plug assembly
  - Wire manager
- Cat 6A and Cat 6 performance achievable depending upon cable and installation procedures.
- Use appropriate integrated boot manager depending upon cable diameter (ordered separately)



## Ordering information

Description	Conductor (AWG) <sup>1</sup>	Insulation OD	100 per bag
Unshielded CAT 6A and CAT 6	23-24 solid	1.09 mm-0.89 mm [0.043 in – 0.035 in]	MP-6AU-Plug-A-1 (6-2843007-1)
	24-26 stranded	0.89 mm - 0.69 mm [0.035 in – 0.027 in]	MP-6AU-Plug-B-1 (6-2843008-1)

<sup>1</sup> Typical conductor size supported by insulation OD. Insulation OD is the determining specification.

# CAT 6A and CAT 6, unshielded, 8-position integrated boot manager (MP-6AU-Boot-\_\_ \_\_-1)

## Features

- The cable-strain relief feature secures the cable and isolates the wire from movement without impacting performance.
- Transparent boot, with integrated pair-manager and cable strain relief, no need to color-match boot to cable jacket
- Compatible with CommScope color-clip for increased easy of circuit identification and management



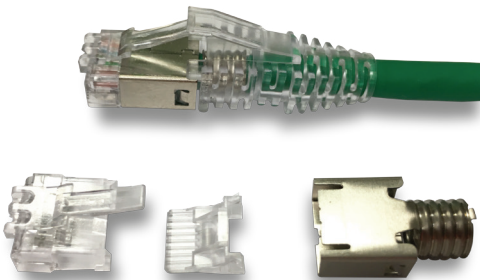
## Ordering information

Description	Cable diameter	100 per bag
MP-6AU integrated boot manager	7.40 mm - 6.80 mm [0.291 in – 0.268 in]	MP-6AU-Boot-71-1 (2843018-3)
	6.20 mm -5.60 mm [0.244 in – 0.220 in]	MP-6AU-Boot-59-1 (2843020-3)
	5.70 mm - 5.10 mm [0.224 in – 0.201]	MP-6AU-Boot-54-1 (2843021-3)
	5.40 mm - 4.80 mm [0.212 in – 0.189 in]	MP-6AU-Boot-51-1 (2843023-3)

# CAT 6A, shielded, 8-position plug (MP-6AS-\_-\_-)

## 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)



## Ordering information

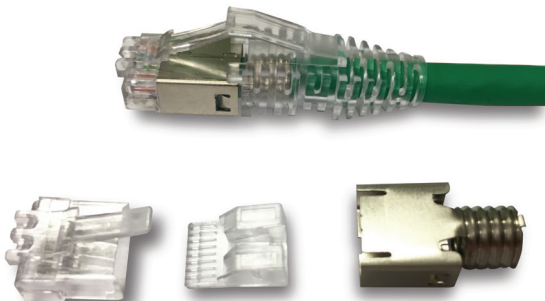
Description	Conductor (AWG) <sup>1</sup>	Insulation OD	Cable jack OD	500 per bag	100 per bag
Shielded CAT 6A	23-24 Solid 24-26 Stranded	0.035" to 0.043" (0.89 to 1.09 mm)	0.20" to 0.24" (5.1 to 6.0 mm)	MP-6AS-B-5 (6-2111981-2)	MP-6AS-B-1 (6-2111981-3)
			0.22" to 0.28" (5.7 to 7.0 mm)	MP-6AS-C-5 (6-2111984-2)	MP-6AS-C-1 (6-2111984-3)

<sup>1</sup> Typical conductor size supported by insulation OD. Insulation OE is the determining specification.

# CAT 6, shielded, 8-position plug (MP-6S-\_-\_-)

## Features

- Each kit includes:
  - (1) Modular plug assembly
  - (1) Wire holder
  - (1) Strain relief
- Use appropriate-sized slim-line modular plug boot (ordered separately)



## Ordering information

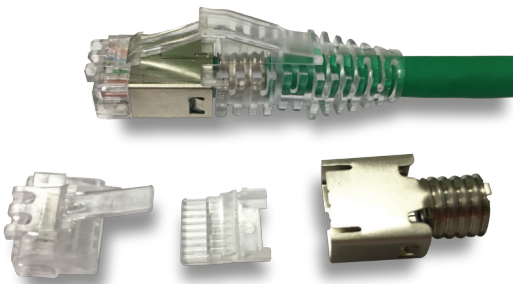
Description	Conductor (AWG) <sup>1</sup>	Insulation OD	Cable jack OD	500 per bag	100 per bag
Shielded CAT 6A	23-24 solid 24-26 stranded	0.035" to 0.043" (0.89 to 1.09 mm)	0.18" to 0.22" (4.7 to 5.5 mm)	MP-6S-A-5 (6-2111977-2)	MP-6S-A-1 (6-2111977-3)
			0.20" to 0.24" (5.1 to 6.0 mm)	MP-6S-B-5 (6-2111979-2)	MP-6S-B-1 (6-2111979-3)
			0.22" to 0.28" (5.7 to 7.0 mm)	MP-6S-C-5 (6-2111989-2)	MP-6S-C-1 (6-2111989-3)

<sup>1</sup> Typical conductor size supported by insulation OD. Insulation OD is the determining specification.

# CAT 5E, shielded EMT, 8-position plug (MP-5EMT-\_-\_-)

## Features

- Each kit includes:
  - (1) Modular plug assembly
  - (1) Wire holder
  - (1) Strain relief
- Use appropriate-sized slim-line modular plug boot (ordered separately)



## Ordering information

Description	Conductor (AWG) <sup>1</sup>	Insulation OD	Cable jack OD	500 per bag	100 per bag
			0.18" to 0.22" (4.7 to 5.5 mm)	MP-5EMT-A-5 (6-2111976-2)	MP-5EMT-A-1 (6-2111976-3)
Shielded EMT CAT 5E	23-24 solid 24-26 stranded	0.035" to 0.043" (0.89 to 1.09 mm)	0.20" to 0.24" (5.1 to 6.0 mm)	MP-5EMT-B-5 (6-2111986-2)	MP-5EMT-B-1 (6-2111986-3)
			0.22" to 0.28" (5.7 to 7.0 mm)	MP-5EMT-C-5 (6-2111988-2)	MP-5EMT-C-1 (6-2111988-3)

<sup>1</sup> Typical conductor size supported by insulation OD. Insulation OD is the determining specification

# Shielded slim-line modular plug boot (MP-Boot-S-SL-\_-)

## Features

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



## Ordering information

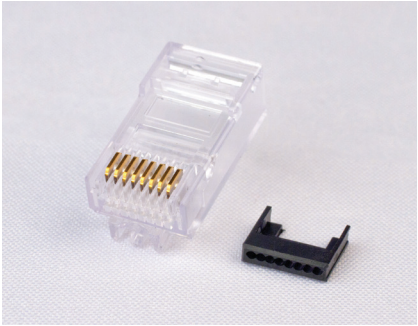
Description	Cable jack OD	100 per bag
Shielded slim-line boot	0.18" to 0.24" (4.7 to 6.0 mm)	MP-Boot-S-SL-AB (2843032-3)
	0.22" to 0.28" (5.7 to 7.0 mm)	MP-Boot-S-SL-C (2843033-3)



# CAT 5E, 8-position plug (MP-5E\_ -\_)

## Features

- Each kit includes
  - (1) Modular plug assembly
  - (1) Wire holder
- Use appropriate size CAT 5E modular plug boot (MP-5EU-Boot) for cable diameter



## Ordering information

Description	Conductor (AWG) <sup>1</sup>	Insulation OD	Cable jack OD	500 per bag	100 per bag
Unshielded CAT 5E	23-24 solid 24-26 stranded	0.035" to 0.039" (0.89 to 0.99 mm)	0.19" to 0.22" (4.8 to 5.6 mm)	MP-5EU-5 (6-569278-2)	MP-5EU-1 (6-569278-3)
Shielded CAT 5E			0.20" to 0.24" (5.1 to 6.0 mm)	MP-5ES-5 (6-569550-2)	MP-5ES-1 (6-569550-3)

<sup>1</sup> Typical conductor size supported by insulation OD. Insulation OD is the determining specification.

# CAT 5e and 5 modular plug boots (MP-5EU-Boot- \_\_\_\_-10)

## Features

- Slim-line design to support high-density applications
- Transparent boot eliminating need to color-match boot to cable jacket
- Compatible with CommScope color-clip for increased ease of circuit identification and management
- Packaged in bags of 1,000.



## Ordering information

MID	Catalog number	Description	Modular plug compatibility
2843048-1	MP-5EU-Boot-57-10	8-position modular plug boot, 5.7 mm maximum cable diameter	MP-5EU MP-5ES MP-88U-R MP-88S-R
2111797-1	MP-5EU-Boot-62-10	8-position modular plug boot, 6.2 mm maximum cable diameter	

# Color Clips (MP-ColorClip- \_\_\_\_\_-50)

## Features

- Customer field-installable allowing for flexibility in identifying and managing patch cords
- Compatible with all CommScope transparent boots for either shielded or unshielded
- Packaged in bags of 50.



## Ordering information

MID	Color clips	Boot compatibility
2843022-1	MP-ColorClip-Almond-50	MP-6AU-Boot MP-BOOT-S-SL MP-5EU-Boot
2843022-2	MP-ColorClip-Black-50	
2843022-3	MP-ColorClip-White-50	
2843022-4	MP-ColorClip-Gray-50	
2843022-5	MP-ColorClip-Orange-50	
2843022-6	MP-ColorClip-Blue-50	
2843022-7	MP-ColorClip-Red-50	
2843022-8	MP-ColorClip-Yellow-50	
2843022-9	MP-ColorClip-Green-50	



# External strain reliefs for modular plugs

## Features

- Metal strain relief that positively engages plug housing
- PRO-CRIMPER tool and die set reference will be noted in tooling section
- For use with 8-position Category 5 and 5e modular plugs only
- RoHS compliant



## Ordering information

Description	Part number
Not for use with modular plug boots	558527-1
For use with modular plug boots	558527-3

# CAT 5 and 3, 8-position plug (MP-88\_ \_ \_)

## Features

- Each Kit includes
  - (1) Modular plug assembly
- Packaged either 500 or 100 to bag
- Use appropriate size modular plug boot for cable diameter



8-position  
round, standard



8-position  
flat, standard



Shielded 8-position  
round, standard

## Ordering information

Description	Conductor (AWG) <sup>1</sup>	Insulation OD	Cable type	Cable jack OD (max)	500 per bag	100 per bag
Unshielded 8-position	24-26 solid 24-26 stranded	0.034" to 0.039" (0.86 to 0.99 mm)	Round	0.20" (5.1 mm)	MP-88U-R-5 (6-557315-2)	MP-88U-R-1 (6-557315-3)
			Flat oval	0.10" x 0.35" (2.54 x 8.89 mm)	MP-88U-F-5 (6-554720-2)	MP-88U-F-1 (6-554720-3)
Shielded 8-position			Round	0.20" (5.1 mm)	MP-88S-R-5 (6-569530-2)	MP-88S-R-1 (6-569530-3)
Flat oval			0.10" x 0.35" (2.54 x 8.89 mm)	MP-88S-F-5 (6-569542-2)	MP-88S-F-1 (6-569542-3)	
Unshielded 8-position, small conductor	26-28 solid 26-28 stranded	0.029" to 0.034" (0.74 to 0.86 mm)	Round	0.20" (5.1 mm)	MP-88U-RS-5 (6-557961-2)	MP-88U-RS-1 (6-557961-3)
			Flat oval	0.10" x 0.35" (2.54 x 8.89 mm)	MP-88U-FS-5 (6-557972-2)	MP-88U-FS-1 (6-557972-3)

<sup>1</sup> Typical conductor size supported by insulation OD. Insulation OD is the determining specification.

<sup>2</sup> Small conductor modular plugs are transparent blue in color.

# Keyed CAT 5 and 3, 8-position (MP-88\_-R-1-K)

## Features

- Small key on side of plug to interface with slot in jack.



## Ordering information

Description	Conductor (AWG) <sup>1</sup>	Insulation OD	Cable type	Cable jack OD (max)	100 per bag
Unshielded Keyed, 8-Position	24-26 Solid 24-26 Stranded	0.034" to 0.039" (0.86 to 0.99 mm)	Round	0.20" (5.1 mm)	MP-88U-R-1-K (6-554170-3)
Shielded Keyed, 8-Position					MP-88S-R-1-K (6-569533-3)

<sup>1</sup> Typical conductor size supported by insulation OD. Insulation OD is the determining specification

## 6-position plugs (MP-66\_--\_)



6-position,  
round, standard



6-position,  
round, long



6-position,  
flat, standard

### Ordering information

Description	Conductor (AWG) <sup>1</sup>	Insulation OD	Cable type	Cable jack OD (max)	500 per bag	100 per bag
Unshielded 6-position, standard body	24-26 solid 24-26 stranded	0.034" to 0.039" (0.86 to 0.99 mm)	Round	0.18" (4.6 mm)	MP-66U-R-5 (6-554710-2)	MP-66U-R-1 (6-554710-3)
			Flat oval	0.09" x 0.26" (2.29 x 6.61 mm)	MP-66U-F-5 (6-641337-2)	MP-66U-F-1 (6-641337-3)
Unshielded 6-position, long body			Round	0.195" (4.96 mm)	MP-66U-LR-5 (6-555177-2)	MP-66U-LR-1 (6-555177-3)
			Flat oval	0.11" x 0.27" (2.79 x 6.85 mm)	MP-66U-LF-5 (6-555176-2)	MP-66U-LF-1 (6-555176-3)
Shielded 6-position, long body			Round	0.195" (4.96 mm)	MP-66S-LR-5 (6-555175-2)	MP-66S-LR-1 (6-555175-3)
			Flat oval	0.11" x 0.27" (2.79 x 6.85 mm)	MP-66S-LF-5 (6-555174-2)	MP-66S-LF-1 (6-555174-3)
Unshielded 6-position, small conductor, standard body	26-28 solid 26-28 stranded	0.029" to 0.034" (0.74 to 0.86 mm)	Flat oval	0.09" x 0.26" (2.29 x 6.61 mm)	MP-66U-FS-5 (6-557971-2)	MP-66U-FS-1 (6-557971-3)

<sup>1</sup> Typical conductor size supported by insulation OD. Insulation OD is the determining specification.

<sup>2</sup> Small conductor modular plugs are transparent blue in color.

## 6-position, 4- or 2-contact plugs (MP-6\_ \_ \_ \_)

### Ordering information

Description	Conductor (AWG) <sup>1</sup>	Insulation OD	Cable type	Cable jack OD (max)	500 per bag	100 per bag
Unshielded 6-position, 4-contacts	24-26 solid 24-26 stranded	0.034" to 0.039" (0.86 to 0.99 mm)	Round	0.11" (2.8mm)	MP-64U-R-5 (6-569031-2)	MP-64U-R-1 (6-569031-3)
			Flat oval	0.09" x 0.26" (2.29 x 6.61 mm)	MP-64U-F-5 (6-641335-2)	MP-64U-F-1 (6-641335-3)
	26-28 solid 26-28 stranded	0.029" to 0.034" (0.74 to 0.86 mm)	Flat oval	0.09" x 0.26" (2.29 x 6.61 mm)	MP-64U-FS-5 (6-557965-2)	MP-64U-FS-1 (6-557965-3)
Unshielded 6-position, 2-contacts	24-26 solid 24-26 stranded	0.034" to 0.039" (0.86 to 0.99 mm)	Flat oval	0.09" x 0.26" (2.29 x 6.61 mm)	MP-62U-F-5 (6-641333-2)	MP-62U-F-1 (6-641333-3)

<sup>1</sup> Typical conductor size supported by insulation OD. Insulation OD is the determining specification.

<sup>2</sup> Small conductor modular plugs are transparent blue in color.

## 4-position plug (MP-44U- \_ \_)



### Ordering information

Description	Conductor (AWG) <sup>1</sup>	Insulation OD	Cable type	Cable jack OD (max)	500 per bag	100 per bag
Unshielded 4-position, headset	24-26 solid 24-26 stranded	0.034" to 0.039" (0.86 to 0.99 mm)	Flat oval	0.09" x 0.19" (2.29 x 4.83 mm)	MP-44U-F-5 (6-641334-2)	MP-44U-F-1 (6-641334-3)

<sup>1</sup> Typical conductor size supported by insulation OD. Insulation OD is the determining specification.

## 10-position plug (MP-1010U-R- \_)



### Ordering information

Description	Conductor (AWG) <sup>1</sup>	Insulation OD	Cable type	Cable jack OD (max)	500 per bag	100 per bag
Unshielded 10-position	24-26 solid 24-26 stranded	0.034" to 0.039" (0.86 to 0.99 mm)	Round	0.21" (5.3 mm)	MP1010U-R-5 (6-557963-2)	MP1010U-R-1 (6-557963-3)

<sup>1</sup> Typical conductor size supported by insulation OD. Insulation OD is the determining specification.

# Base terminator: 1320840-3 (115 Vac, 60 Mhz)

## ModPlug dual terminator fast facts

### Features

- Pneumatically powered, foot pedal actuated
- Terminate two connectors at the same time
- Terminate up to 200 dual-ended cables/hr
- Interchangeable die sets—Easy changeover die sets for your particular product. Die sets have been designed to terminate all CommScope modular plug products
- Steel die sets for long life
- Fully adjustable, primary strain relief, secondary strain relief and contact height
- Lightweight (36 lbs) design makes the press easy to move within work center
- Rental and purchase options available
- Compact size—8" x 8" x 10½" tall
- 1-year limited warranty
- CommScope plugs are UL approved when terminated using this tool and the procedures outlined in CM 409-10010 and IS 408-9743



### Technical requirements

- Air pressure—80–100 psi
- Air supply hose—3/16 dia. with 1/8 NPT fitting

## Base terminator: 1320840-3 (115 Vac, 60 Mhz) terminating modules

## CAT 6A, 6, CAT 5E, 5 and 3 (4-, 6-, 8- and 10-position) terminating modules\*

### Ordering information

Modular plug style	Catalog number	Performance rating	Terminating module
4-position plug	(MP-44U)	CAT 3	856196-3
6-position plug (standard body)	(MP-66__-__)	CAT 3	856196-1
6-position plug (long body)	(MP-66__-L__)	CAT 3	856196-4
10-position plug	(MP1010U)	CAT 3, CAT 5	856196-6
8-position plug	(MP-88__)	CAT 5	856196-2
8-position plug	(MP-5E__), MP-6AU	CAT 5E, CAT 6A	1-856196-1

\*Base terminator 1320840-3 required.  
See instruction sheet 408-9743 for more information.

## Shielded CAT 6A, CAT 6 and CAT 5EMT terminating modules\*

### Ordering information

Cable diameter (strain relief) range	Catalog number	Terminating module
0.185" to 0.216" (4.7 mm to 5.5 mm)	Size "A"	791804-4
0.201" to 0.236" (5.1 mm to 6.0 mm)	Size "B"	791804-1
0.224" to 0.276" (5.7 mm to 7.0 mm)	Size "C"	791804-3

\*Base terminator 1320840-3 required.  
See instruction sheet 408-9743 for more information.

# Base terminator: 354711-1

## ModPlug single terminator fast facts

### Features

- Terminate up to 250 connectors/hr
- Interchangeable steel die sets terminate all CommScope plugs
- Compact, low cost pneumatically designed bench unit
- Independent adjustments for insertion, primary strain relief, and secondary strain relief depths
- Weighs only 13 lbs
- Compact size—3½" x 8¾" x 5½" tall
- CE approved
- CommScope plugs are UL approved when terminated using this tool and the procedures outlined in IS 408-9919
- Technical requirements:
  - Air pressure—80–100 psi
  - Air supply hose—1/8 I.D. with 1/8 NPT fitting



### Ordering information

Modular plug style	Catalog number	Performance rating	Terminating module (only)*	Terminator with terminating module**
4-position plug (standard body)	(MP-44U)	CAT 3	354714-3	354711-4
6-position plug (standard body)	(MP-66__-__)	CAT 3	354714-1	354711-2
6-position plug (long body)	(MP-66__-L__)	CAT 3	354714-4	354711-5
10-position plug	(MP1010U)	CAT 3, CAT 5	354714-5	354711-6
8-position plug	(MP-88__)	CAT 5	354714-2	354711-3
8-position plug	(MP-5E__), MP-6AU	CAT 5E, CAT 6A	354714-7	354711-8

\* Base terminator (354711-1) required if purchasing terminating modules only.

\*\* With tooling included.

See instruction sheet 408-9919 for additional information.



# Shielded category 6A, 6 and CAT 5EMT modular plugs

## Features

- Ratchet control provides complete termination cycle
- Die set and tool crimps both the strain relief and the modular contacts at the same time
- Interchangeable die sets accommodate all plug sizes
- Sold with or without die. Dies can be purchased separately



## Ordering information

Cable (strain relief) diameter	0.185" to 0.216" 4.7mm to 5.5 mm Size "A"	0.201" to 0.236" 5.1 mm to 6.0 mm Size "B"	0.224" to 0.276" 5.7mm to 7.0 mm Size "C"
Die set only	790163-8	790163-2	1-790163-2
Tool with die*	790163-7	790163-1	1-790163-1
Hand held tool only		354940-1	

\* Includes JackKnack Tool.

# Pro-installer's modular plug hand tool

## Features

- Ratchet control provides complete termination cycle
- Sold with and without die sets
- Interchangeable die sets accommodate all plug sizes

Die set to modular plug cross-reference shown



## Ordering information

Hand tool without die: 2-231652-0						
Plug style	Cat 6A 8-position (MP-6AU)	CAT 5E 8-position (MP-5E_)	Cat 5 8-position (MP-88_)	6-position long body (MP-66_-L_)	6-position standard body (MP-66_-)	4-position (MP-44U)
DOT color	Pink	White	Black	Violet	Blue	Green
Die only P/N	1-853400-5	1-853400-0	853400-1	853400-7	853400-8	853400-3
Hand tool with die	3-231652-7	3-231652-0	2-231652-1	2-231652-7	2-231652-8	2-231652-3

See instruction sheet 408-9767 for more information.

# Pro-installer's modular plug hand tool kits and accessories

## Features

- Each kit contains carrying case, blade replacement kit, screw driver, and items as listed
- Modular plug to die set cross reference listed as shown



## Ordering information

Included components							
	JackKnack tool	Hand tool	CAT 5E 8-position die set	8-position die set	6-position standard	4-position die set	
Plug catalog #			MP-5E__	MP-88__	MP-66__ - __	MP-44U	
Dot color			White	Black	Blue	Green	
Description		2-231652-0	1-853400-0	853400-1	853400-8	853400-3	Part number
Pro-installer's mod plug hand tool kits	X	X	X	X	X	X	1-231666-5
	X	X	-	X	X	X	1-231666-1
	X	X	-	X	X	-	1-231666-0
Carrying case, blade replacement kit, JackKnack and screw driver ONLY							231666-9
Replacement blade kit (5 cutters and 5 sets of strip blades)							231662-5
Cutter blade							856727-1

See instruction sheet 408-9767 for more information.



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