

The coupling of In-building Distributed Antenna Systems (DAS) and plenum cables requires a special cable stripping tool that removes the flame-retardant sheath, corrugated metal shield, and polymer spacer, to expose the shield and center-conductor to the exact lengths required to match the connector used to terminate the cable. Gamma offers an affordable stripping tool, customized to its RF connectors, as part of its “Kit” solution for the most common DAS RF connector types (Type N and 4.3-10). The plenum cable stripping tool is compatible with Gamma Electronics, Radio Frequency Systems, and Commscope (aluminum and copper-shielded) Air-Core Plenum Cables. The plenum cable stripping tool is also effective on Gamma and Commscope ½” annular cables. The tool can be optimized to these various types of cables by simply swapping between three different bushings (see Cable Applicable Bushing Table below).

The DAS cable stripping tool can be either be used in manual mode, with its T-handle, or in drill-attachment mode. In either mode, the tool will efficiently strip the cable’s flame-retardant sheath, corrugated metal shield, and dielectric spacer. The tool will strip the metal shield so that the edge is flared outward or straight, depending on the type of cutter used. Gamma’s plenum cable kit also includes a cutter to which the stripping tool was optimized. However, a user-supplied bandsaw or hacksaw are also both acceptable. The tool will even chamfer the end of the center-conductor to prepare the cable for termination with one of Gamma’s plenum RF connectors. The tool’s internal cutting blades must periodically be replaced, so Gamma also offers sets of replacement blades. Gamma guarantees 500 cuts, but they will continue to work well afterwards.





Cable Applicable Bushings

Cable Brand (Type, Shield Material)	Part Number	Bushing
RFS (Plenum, Copper)	RFSICA12-50JPL	650
Commscope (Plenum, Copper)	HL4RPV-50	620
Commscope (Plenum, Aluminum)	AL4RPV-50	630
Gamma (Plenum, Copper)	PLN-CU-50	650
Gamma (Plenum, Aluminum)	PLN-AL-50	650
Gamma (Annular, Copper)	STF50-LSZH-1/2	630
Commscope (Annular, Copper)	LDF4-50A	630



Ordering Information

Part	Part Number
Cable Stripping Tool	PLNST-7020
Replacement Blade Set	PLNST-7500-SET