BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G50.690.1
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AT&TCo Standard

CABLE SPLICING — GENERAL
CABLE TAGS

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1. GENERAL

1.01 This section contains information on the general rules for locating and the method of attaching the various tags used in marking underground cables, stubs, splices containing coil cases, duct splices, etc. It also covers the warning tags used to designate cables containing coaxials and video pairs, as well as cables maintained under gas pressure and coaxial cables filled with sulphur hexafluoride (SF_6).

1.02 The section has been reissued to include the J Warning Tag used to identify insulating joints on polyethylene sheath cables.

1.03 The use of terminal tags at distribution terminals is covered in Sections of Practices covering Marking Cable Terminals.

2. DESCRIPTION OF TAGS

2.01 The tags are made from sheet lead, and are illustrated below:

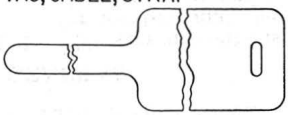
TAG, CABLE, ROUND

Lashed Tag
For underground subscriber cable.

TAG, CABLE, OCTAGONAL

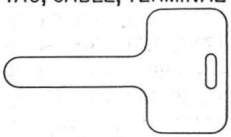
Lashed Tag
For underground toll or trunk cable.

TAG, CABLE, STRAP



For underground use on subscriber, toll or trunk cable. Used on cables 1 in. or more in diameter.

TAG, CABLE, TERMINAL



As above.
Used on cables less than 1 in. in diameter.

TAG, WARNING, E,F,G,H,J

E	F	G	H	J
Cables Maintained Under Pressure	Cables Containing Video Pairs	Cables Containing Coaxials	Coaxial Cables filled with Sulphur Hexafluoride (SF_6)	Insulating Joints in Polyethylene Sheath Cable

3. GENERAL RULES FOR TAGGING CABLES

3.01 Cables in central office vaults should be tagged near the duct entrance to the vault between the first two uprights. In small offices without cable vaults the cables should be tagged near the duct or pipe bend entrance or at the splice.

3.02 In manholes where there are few cables, one tag located between the splice and one end wall of the manhole should be sufficient for identification. However, in junction manholes and other manholes where the cables can not easily be traced, two tags should be used on each cable. These tags should be placed between the end cable racks and the ducts, about one inch from the racks.

3.03 If two cables in a manhole have the same number, the pair count should be stamped on the tags on each cable.

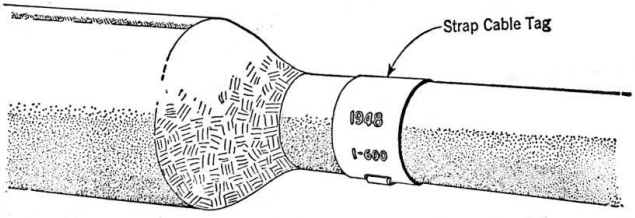
3.04 All underground stubs and branch cables should be tagged with both the cable number and pair count.

3.05 Splice type loading coils should be indicated by placing a strap cable tag on the cable adjacent to the sleeve.

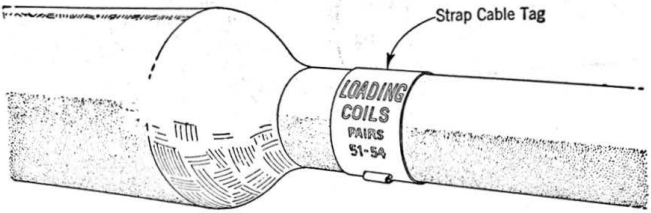
3.06 Underground and aerial cables containing coaxial conductors, video pairs or cables under gas pressure can be identified by use of the appropriate warning tags. These are usually placed on the splice. Use the coaxial tag alone if the cable contains both coaxial and video pairs.

4. STRAP CABLE TAGS

4.01 The tag with the cable or sheath number and pair count stamped on it can be attached to the sheath as shown in the illustration below. The tag shall be placed around the sheath and the tongue pulled through the slot and bent back on itself to hold it in place.

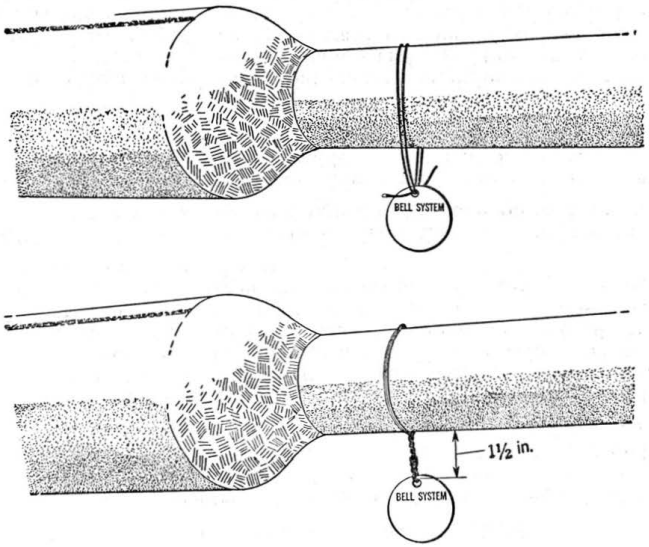


4.02 Splices containing loading coil cases should be indicated by a strap cable tag placed on the sheath and stamped as illustrated below.



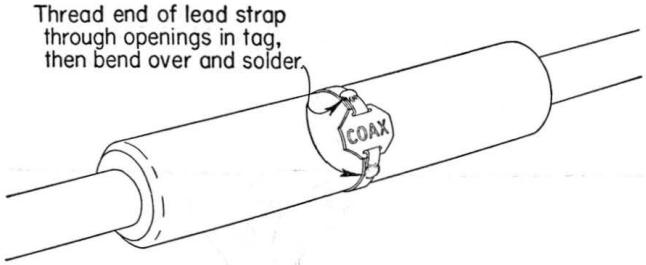
5. LASHED TAGS

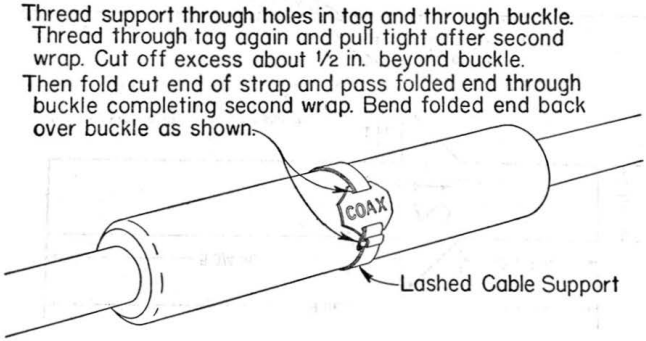
5.01 The tags should be fastened to the sheath using a strand of lead lashing wire threaded twice through the hole in the tag and twisting the ends together below the cable, as shown below.

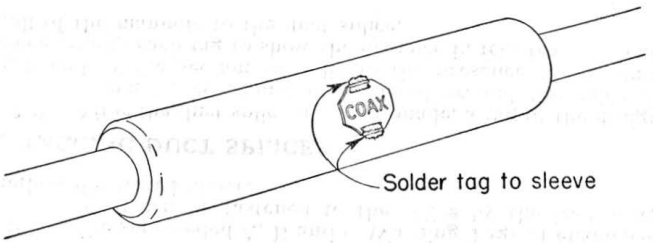


6. WARNING TAGS

6.01 The E, F, G, H and J Warning Tags can be attached← to the splice by one of the methods illustrated below.







6.02 The superseded A, B and C Warning Tags of enamelled metal can be fastened to the splice by the lead strap method illustrated above.

7. TAGGING DUCT SPLICES

7.01 After the duct splice has been made, a tag of the design shown below should be soldered around the cable at each end of the section to indicate the presence of the duct splice. Stamp each tag to show the distance in feet from the end wall of the manhole to the duct splice.