

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G73.170.1
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AT&T Co Standard

PRESSURE TESTING

INSTALLING 2A PRESSURE PLUG

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1. GENERAL

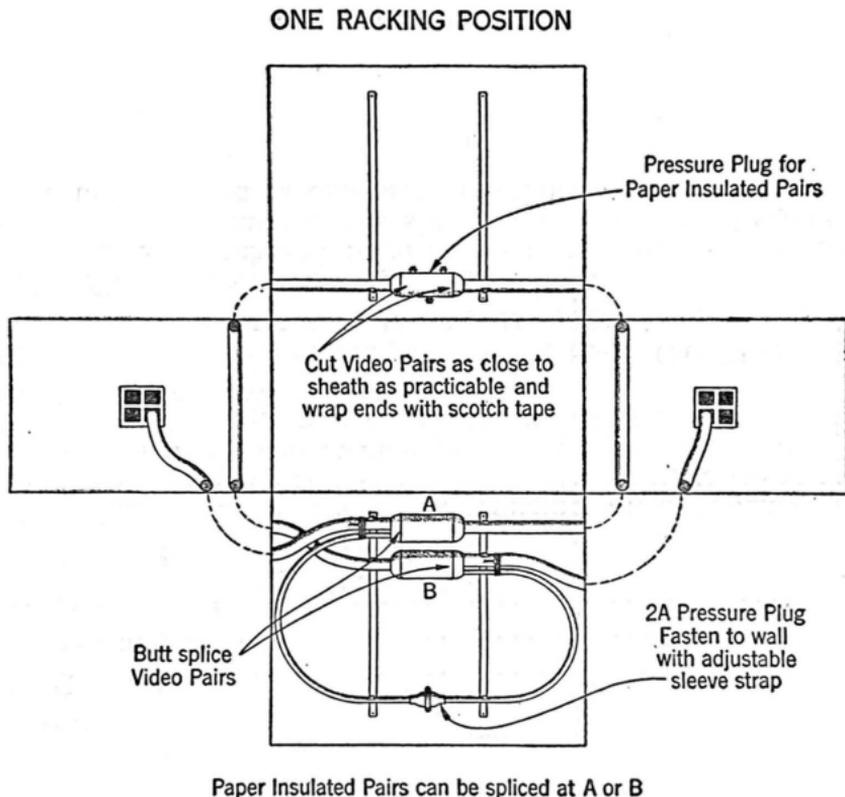
1.01 This section covers the splicing arrangements and method of installing the 2A Pressure Plug to provide a gas seal in the video complement of a cable which is to be maintained under pressure. This section replaces Section G50.750.2, Issue 1, which is cancelled.

1.02 The 2A Pressure Plug supersedes the B Gas Plug which was used for the same purpose.

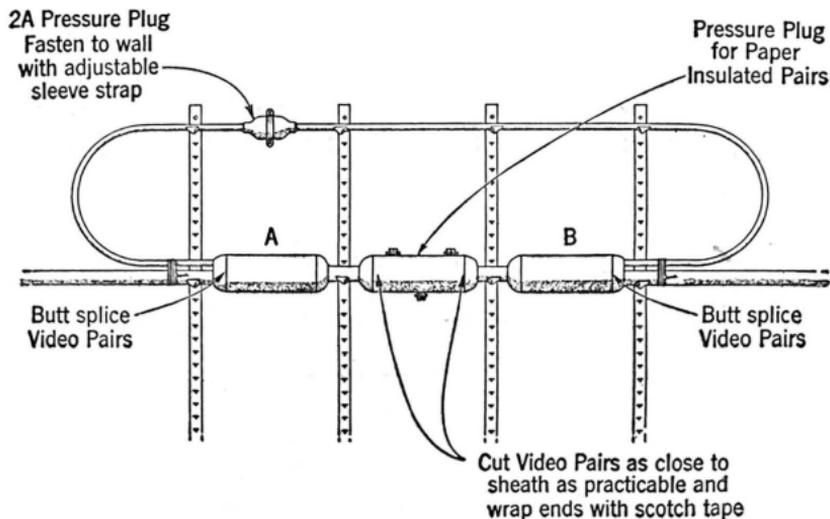
1.03 The 2A Pressure Plug is equipped with a four-pair stub cable at each end, having 19-gauge paper insulated conductors, each pair individually shielded with two spiral layers of copper tape applied in opposite directions.

2. SPLICING ARRANGEMENTS

2.01 If the cable to be plugged contains paper insulated conductors it is necessary to construct a separate plug for these pairs in the usual manner. In making this plug the video pairs are cut near the sheath ends to block the passage of gas through these pairs. Typical splicing arrangements in manholes are shown below.



THREE RACKING POSITIONS



Paper Insulated Pairs can be spliced at A or B

3. JOINING CONDUCTORS

3.01 The method of preparing and joining the video conductors of the main cable and the stub cable is outlined in Section G50.659.1.