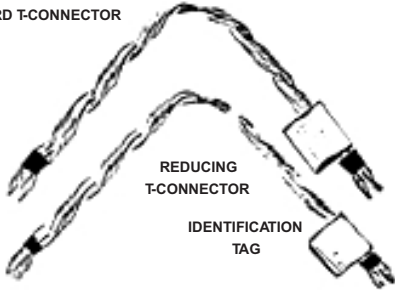
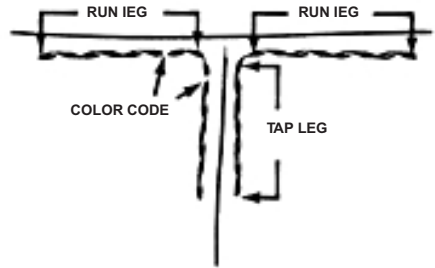


T-Connector

STANDARD T-CONNECTOR

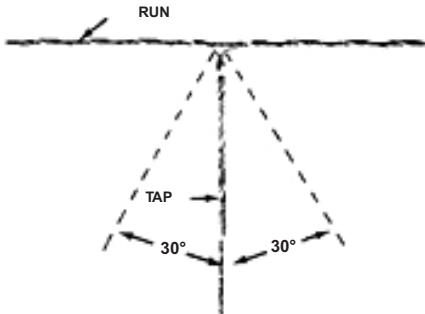


T-CONNECTORS AS RECEIVED IN THE FIELD



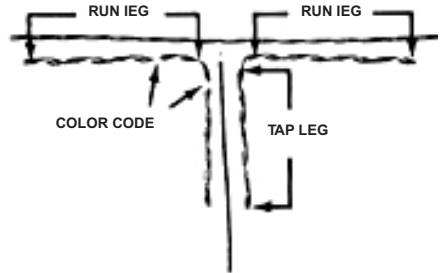
T-CONNECTOR

For conductors of equal size



LINE ANGLES

Refer to paragraph below



T-CONNECTOR: REDUCING

For diameter ratios up to three to one

General Recommendations

Intended Use: T-Connectors join slack laterals (TAP) to vertically spaced primaries (RUN) which can be reached by bucket truck. Extra poles can be eliminated while permitting equal spans for street lighting.

A pair of T-Connectors installed back-to-back provide a mid-span junction for vertically spaced primaries. Poles can be set back from intersections and buck-arms eliminated.

T-Connectors are available for conductors of equal and unequal diameters (REDUCINGTYPE).

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T-Connector

Holding Strength: T-Connectors are conservatively rated at 25% of the rated breaking strength of the conductor. Because of their intended use on slack span laterals or junctions of continuous conductors, mechanical requirements are not expected to approach 25% R.H.S.

Line Angles: Slack span laterals (TAP) should not exceed the line angle shown in the illustration, to ensure ease of application and to avoid over stressing the T-Connector.

Conductivity: T-Connectors, both regular and reducing types, are designed to a minimum conductivity of 100% of the smallest conductor.

Application-Inspection: Installation is accomplished with bucket trucks. Scratch brushing to thoroughly remove oxidation deposits from the conductor's surface is recommended immediately prior to application.

To insure a reliable electrical connection, all conductors, new or weathered, must be thoroughly scratch brushed until bright and clean immediately prior to installation.

The application of a quality inhibitor, compatible with the conductor material must be used to retard oxidation.

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Telephone: 033 397 5800 • Facsimile: 033 387 7094
Email: plppmb@preformedsa.co.za
Website: www.preformedsa.co.za