

## B WIRE GUARD

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#### 1. GENERAL

1.01 This section covers the description, uses, and installation of the B Wire Guard.

1.02 The B Wire Guard is designed to protect B Urban Wire, B Rural Wire, and Multiple Drop Wire against abrasion. It may also be used, where required, for electrical protection for Multiple Drop Wire on buildings.

#### 2. DESCRIPTION

2.01 The B Wire Guard is formed of a helically slit plastic tube, 36 inches long and one inch in diameter. Diagonal pliers or a hacksaw can be used for cutting the wire guard to any desired shorter length.

2.02 The guard is held in place on the wire by B Wire Clips, the larger opening of which is coated with neoprene to protect the insulation of the wires.

#### 3. USES

3.01 Protect B Urban Wire, B Rural Wire, or Multiple Drop Wire in the span with wire guards where it is impracticable to avoid contact with:

- (a) Tree limbs or branches larger than 1/2 inch in diameter.
- (b) Small branches (less than 1/2 inch in diameter) twigs and foliage where it is not permissible to prune.
- (c) Obstructions in the span such as structures, signs, guys, etc.

3.02 Protect Multiple Drop Wire on buildings where it is impracticable to avoid contact with or obtain recommended minimum separations between:

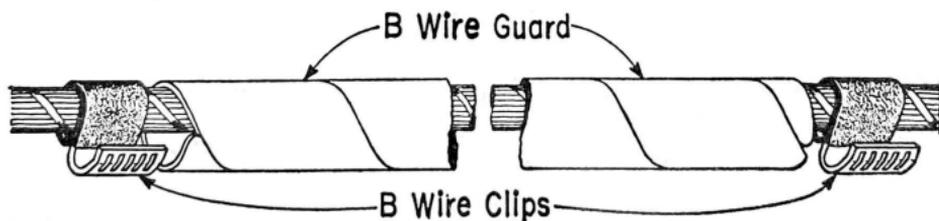
- (a) Building projections, overhangs, or similar obstructions and passing through metallic gratings.
- (b) Open electric service wires, foreign cables or metal conduits.
- (c) Antenna lead-in, radio wiring, open signal wires or ground wires.
- (d) Exposed or unexposed telephone wires.

#### 4. INSTALLATION

4.01 Spiral the B Wire Guard on the wire.

4.02 Where it is being used in a span, a C Clip Crimper may be used to slide it to the desired location.

4.03 Use the C Clip Crimper to place a B Wire Clip on the wire at each end of the guard. Where the wire can be reached without the use of the C Clip Crimper, combination pliers or the equivalent can be used to close the clip on the wire.



4.04 Where more than three guards are used end to end, place an intermediate clip at the end of each three lengths of the guards.

4.05 Where wire guards are used to protect wire running through trees, extend the protection at least 3 feet beyond each side of the tree to provide for growth.

4.06 Where wire guards are used to protect Multiple Drop Wire on buildings for electrical or mechanical reasons, extend the protection at least 3 inches beyond the point of crossing or contact with the foreign wire or obstruction. Place B Wire Clips on the wire at the ends of the wire guard.