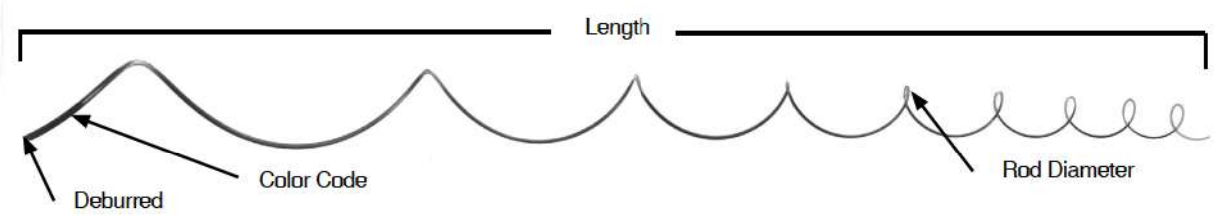
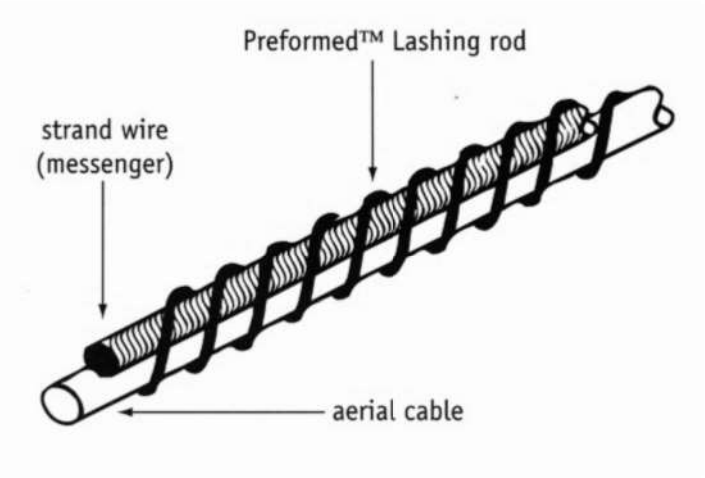
Lashing Rods



Colour Code and Length: Assist in identification of size, corresponding to tabular information appearing on price pages.

Rod Diameter: Identifies size of metal wire, corresponding to tabular information appearing on price pages. For covered rod, approximate thickness of plastic is indicated in addition to rod diameters.



General Recommendations

Catalogue No.: SLR

Lashing Rods are intended for use on all types of messengered overhead cables. They are particularly adaptable to span obstructed by trees or short spans over traffic intersections.

Material Selection: Lashing Rods are made of the same basic material as the messenger to which they are applied. This pertains to galvanized, copperweld and alumoweld. Any of these materials can be selected from the price page tables. The recommended types of strand are also indicated.

Size Selection: In selecting the proper size Lashing Rod it is necessary to determine the smallest circumscribing circle that will enclose the messenger" and cables. The following table will be of assistance:

D	=	diam of cable/s
m	=	diam of messenger.
C	=	inside diam of lashing rod

1 Cable + 1 Messenger	3 Cables + 1 Messenger
C = (D + m) x 0,85	C = 2,155 D and max "m" = 0,483D
2 Cable + 1 Messenger	4 Cables + 1 Messenger
C = 2 D and max "m" = 0,666D	C = 2,414 D and max "m"=0,414D

For groups of cables of unequal diameter, the minimum diameter is best calculated graphically.

Lashing Rods

Application-Inspection

The smaller inside diameter of the proper size Lashing Rod should exert a low radial pressure on the cables and messenger.

For most installations, one Lashing Rod should be applied, overlapping one pitch length with each successive rod.

Two Lashing Rods, applied 180 degrees apart are recommended when the cable-messenger assembly weighs more than 12kg per metre, or at installations where the angle of sag exceeds 20 degrees from the horizontal.

Lashing Rods Neoprene Covered

For use in highly corrosive environment, or on extra heavy cables, a neoprene coating can be applied to the Galvanized, Copperweld, Alumoweld or Stainless Steel Lashing Rods appearing on the price pages. However, for normal outdoor power installations, the un-coated Lashing Rod will be satisfactory.

In calculating circumscribing diameters for size selection, the thickness of the neoprene coating can be neglected.

Consult the factory for neoprene covered Lashing Rod. Include the minimum circumscribing diameter and the type of messenger material.