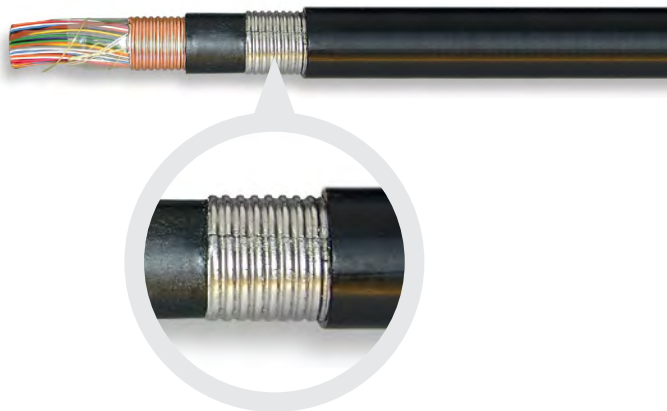


# Mechanical Protection (+M) for Extreme Risk Environments



## PRODUCT DESCRIPTION

Superior Essex standard OSP cable offering with the +M feature is designed for extreme direct burial or lashed aerial installations. Extreme environments can include locations difficult to access, those with rocky or unstable terrain, rodent infested locations and shallow water crossings. Mechanical protection (+M) armoring is suitable for environments where additional mechanical protection is warranted or desired.

Weight and diameters are increased when +M is added to protect standard cables. Approximate weights and diameters can be provided by contacting your Superior Essex Inside or Outside Sales Representative (please specify the standard OSP cable desired).

In most instances, +M protected cables will be supplied in standard ship lengths corresponding to the standard OSP cable selected. Special lengths require Superior Essex approval before manufacturing. Also, reel sizes can be provided upon request.

## SPECIFICATIONS

<b>Basic Cable</b>	Mechanical Protection (+M) may be applied over any OSP Air core or Filled core copper cable
<b>+M Armor</b>	An electrically continuous 0.006 inch corrugated steel armor is applied directly over a basic cable providing additional mechanical protection in extreme environments; the sheath interfaces are fully flooded as the steel armor is applied longitudinally with an overlap, encasing the basic cable
<b>Overall Jacket</b>	A black, polyethylene jacket designed to provide a tough protective covering is applied overall; the polyethylene contains antioxidant(s) for long-term stability and furnace black to prevent damage from ultraviolet exposure
<b>Jacket Marking</b>	Identifying information includes a telephone handset, cable code, pair count, AWG, date of manufacture and sequential length markings at 2 foot intervals
<b>Temperature Rating</b>	See temperature rating for underlying cable

## APPLICATIONS

- Direct burial where additional mechanical protection is required or desired
- Lashed aerial where additional mechanical protection is required or desired
- GOPIC®-F+M and CASPIC®-F+M cable designs can be used for submersion under water in short shallow rivers, ponds or lakes not exceeding 30 feet deep