

# Magnecor 7mm Copper Conductor Ignition Cable Specifications

## OVERALL LEAD ASSEMBLY

Outside Diameter of Cable.....	7mm.
Colour.....	Black.
Boot/Terminal Configuration.....	Various - to suit different automotive and industrial applications as well as customer special requirements.
Country of Manufacture.....	Cable: USA. Assemblies: USA, UK and Australia.

## CABLE

Construction Type.....	High dielectric insulator, re-inforcing braiding, heat resistant outer jacket. Meets SAE-J2031 type 1 class "E" requirements.
Insulator Material.....	EPDM.
Outer Jacket Material.....	Silicone rubber.
Heat Resistance.....	180° C (356° F) service temperature.
Dielectric Strength.....	35,000 volts.

## CONDUCTOR

Conductor Size.....	AWG 16 (19 strands of 29 gauge wire).
Conductor Type.....	Tin plated copper strands.

THIS CABLE PROVIDES NO RFI OR EMI SUPPRESSION.

## TERMINALS (used on auto and boat engines)

Spark Plug.....	Stainless steel snap-lock 180° bendable and fixed 90° styles.
Distributor and Coil.....	Brass, stainless steel and beryllium snap-lock 180° and 90° styles.

## PROTECTIVE BOOTS (used on auto and boat engines)

Spark Plug.....	Silicone 205° C (400° F) - selection of straight, 45° and 90° styles used where applicable - special connector assemblies for some applications.
Distributor and Coil.....	EPDM or Silicone - some sets will be fitted with OE style connectors.

## AVAILABILITY

**NO MINIMUM ORDER REQUIRED**

Available in sets to fit domestic and import car, truck, motorcycle, marine and industrial uses. Also, universal sets, individual leads, and tailored sets to suit purchaser's requirements. **Bulk cable** (any quantity), boots and terminals can be purchased separately.

**MAGNECOR**<sup>®</sup>

## COPPER CONDUCTOR IGNITION CABLE

SILICONE RUBBER OUTER JACKET OVER RE-INFORCING BRAIDING PROVIDES EXCELLENT TERMINAL RETENTION



CONDUCTOR CONSISTS OF 19 STRANDS 29 GAUGE COPPER WIRE (TINNED)

HIGH DIELECTRIC STRENGTH INTERNAL EPDM INSULATOR

## RECOMMENDED USES

### AUTOMOBILE APPLICATIONS

Suitable for classic automobile engines which don't require RFI or EMI suppression.

Also, this superior quality cable can be used with European screw-on suppressor/connectors to replace deteriorated and poor heat-resistant plastic and other assorted material copper conductor cables used mostly on German vehicles.

### INDUSTRIAL APPLICATIONS

This cable provides good heat resistance combined with excellent dielectric strength. Jacket easily strips off tin-plated copper strand conductor for easy soldering or crimping.

### MARINE APPLICATIONS

Ideal ignition cable for use on marine engines not requiring suppression. Cable's silicone rubber jacket used with silicone rubber boots will allow complete waterproofing when sealed with RTV silicone adhesives.

[www.magnecor.com](http://www.magnecor.com)