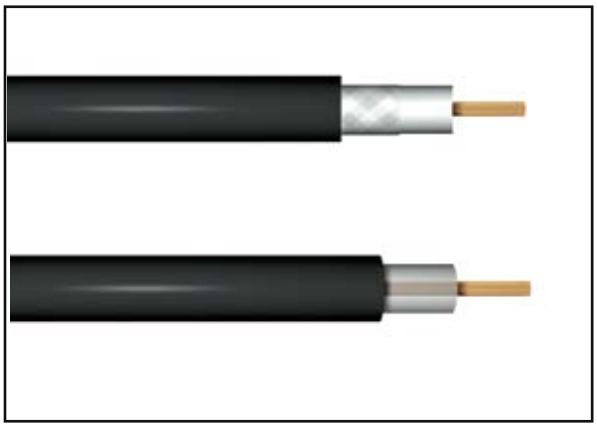
Ignition Cables data sheet

Copper Core Cable

Description: Ignition cable with a stranded copper core is used where electromagnetic suppression is not a consideration or where suppression is controlled by resistive cable connections to the sparkplug or distributor / coil. Copper cored cable guarantees the best spark quality with no voltage loss but requires some additional means of suppression if the EMP pulse is to be contained. This type of cable can be terminated by either folding, screwing or crimping onto the core.



Overall Diameter: 7.0mm +/- .30mm
8.0mm +/- .30mm

Conductor Specification: 19 strands of 0.25mm diameter tinned copper wire (1.0mm^2 CSA)

Covering:

Insulation	Outer Sheath	Temperature Rating
POLYTHENE	CPE	-30 to +120°C
SILICONE	SILICONE	-40 to +220°C (+250°C to special order)

Temperature listings are as determined by ISO3808

Reinforcement: Glass fibre braid on Silicone core only

Test Voltage: 7.0mm dia Silicone - 35.0 - 40.0 kV RMS BDV (typically)
8.0mm dia Silicone - 40.0 - 45.0 kV RMS BDV (typically)
7.0mm dia Polythene / CPE - 45.0 - 50.0 kV RMS BDV (typically)
8.0mm dia Polythene / CPE - 50.0 - 55.0 kV RMS BDV (typically)

Colour: CPE Black
Silicone To customer specification

Specification: ISO3808:2002(R) Class C & Class F Type 1

Packaging: 7mm dia -
1000m onto 600mm x 300mm plywood drums
8mm dia -
750m onto 600mm x 300mm plywood drums

Cable Printing: To customer specification