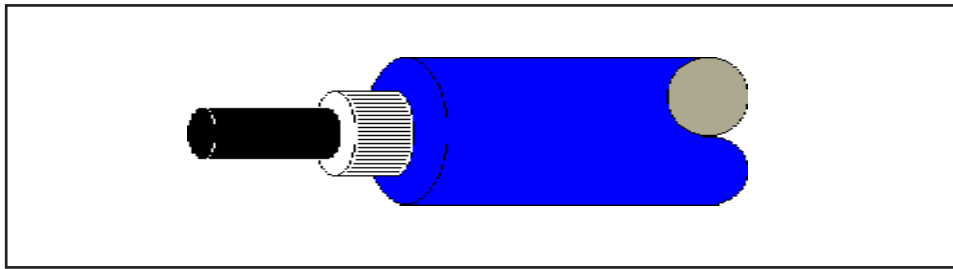


# RESISTIVE CORE CABLE



ignition lead cable

**Description:** Provides a level of resistance (or suppression) in the cable which allows the use of unsuppressed spark plug/distributor connectors. Designed to minimise RFI (Radio Frequency Interference) whilst maintaining maximum conductivity.

**Conductor:** Madison Wire manufactures its own resistive conductor using Dupont's E.I. KEVLAR® brand of aramid fibre and conductive acrylic latex, which gives the benefits of maximum conductivity and integrity, whilst maintaining the renowned strength of KEVLAR®.

**Jacket / insulation:**

<i>Insulation</i>	<i>Jacket</i>	<i>Min. Temp °C</i>	<i>Max. Temp °C</i>
Single Extrusion	EPDM	-30	160
EPDM	EPDM	-30	155
	CPE (Flame Retardant)	-30	155
	EPS	-30	190
	EVA	-30	204
	SILICONE	-40	220
SILICONE	SILICONE	-50	248

**Braid:** Optional woven material or re-enforcing tape.

**Specifications:** SAE J557, SAE J2031 and ISO 3808

**Test Voltage:** Depending on the diameter it is to 40.0 kV RMS.

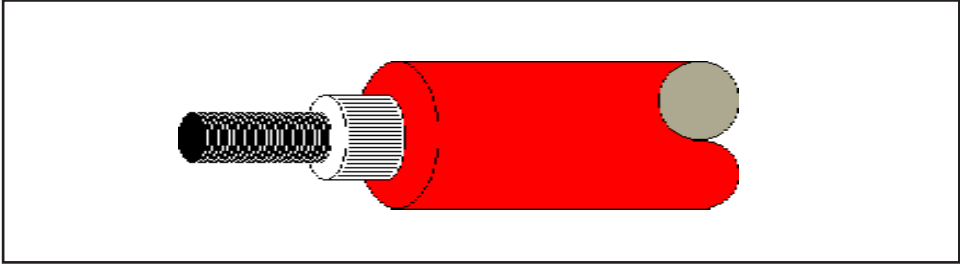
**Diameter:** Range from 3mm-10mm

**Jacket Colour:** Extensive range of colours available.

**Cable Print:** As per customer requirements, including logo, in a wide choice of ink colours.

**Reel sizes:** 30" FOC non-returnable wooden reels.  
Also on 24" at a nominal charge.

# REACTIVE CORE CABLE



**Description:** Provides a low level of resistance in the cable which is ideal for use with high performance engines. Commonly referred to as wire wound, Magwire, magnetic suppression or inductive wire. Madison Wire KEVLAR® wire wound cable can be cut, stripped and terminated in the same way as standard suppressed cable.

**Conductor Specifications:** Madison Wire offers a high-quality KEVLAR® suppression conductor, wound with a high-strength spiral steel wire (stainless steel wire optional) for a finished resistance as low as 350 Ohms per foot.

**Jacket / insulation:**

Insulation	Jacket	Min. Temp °C	Max. Temp °C
Single Extrusion	EPDM	-30	160
EPDM	EPDM	-30	155
	CPE (Flame Retardant)	-30	155
	EPS	-30	190
	EVA	-30	204
	SILICONE	-40	220
SILICONE	SILICONE	-50	248

**Braid:** Optional woven material or re-enforcing tape.

**Specifications:** SAE J557, SAE J2031 and ISO 3808

**Test Voltage:** Depending on the diameter it is to 40.0 kV RMS.

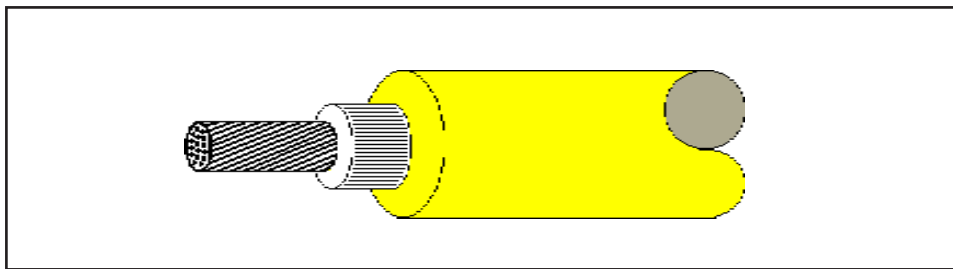
**Diameter:** Range from 3mm-10mm

**Jacket Colour:** Extensive range of colours available.

**Cable Print:** As per customer requirements, including logo, in a wide choice of ink colours.

**Reel sizes:** 30" FOC non-returnable wooden reels. Also on 24" at a nominal charge.

# COPPER CORE CABLE



ignition lead cable

**Description:** As there is virtually no resistance in this conductor it delivers maximum current to the spark plugs. This cable must be used with suppressed spark plug/distributor connectors to avoid RFI/EMI. Typically fitted as Original Equipment to many German vehicles.

**Conductor Specifications:** Available in 16x30 and 19x25 bare or tinned copper, although for maximum conductivity, flexibility, durability and corrosion resistance, 19x30 tinned copper is recommended.

**Jacket / insulation:**

<i>Insulation</i>	<i>Jacket</i>	<i>Min. Temp °C</i>	<i>Max. Temp °C</i>
Single Extrusion	EPDM	-30	160
EPDM	EPDM	-30	155
	CPE (Flame Retardant)	-30	155
	EPS	-30	190
	EVA	-30	204
	SILICONE	-40	220
SILICONE	SILICONE	-50	248

**Braid:** Optional woven material or re-enforcing tape.

**Specifications:** SAE J557, SAE J2031 and ISO 3808

**Test Voltage:** Depending on the diameter it is to 40.0 kV RMS.

**Diameter:** Range from 3mm-10mm

**Jacket Colour:** Extensive range of colours available.

**Cable Print:** As per customer requirements, including logo, in a wide choice of ink colours.

**Reel sizes:** 30" FOC non-returnable wooden reels.  
Also on 24" at a nominal charge.