CARBON COMPOSITE COIL PACKS

DCE Carbon Composite Coil Packs weigh 990g (2.18lb) and come handed for left or right end cable connection.

Electrical connection is via Deutsch Autosport connectors (pin out is directly compatible for NASCAR EFi applications) and the packs are suitable for any four or eight cylinder installations (2 packs required for 8 cylinders). Spark energy is 50mJ per cylinder for a primary circuit draw of 8.5amps.

The coil packs are designed for use with engine control units with built in amplifiers:

- Operating temp -20° to +140°C (-4°F to 285°F)
- Weight 990g (2.18lb)
- Internal suppression diode fitted
- EMC shielding within carbon shell

RHD COIL	
AS012-98PA	***Function***
A	Ground
B	Ground
C	+12v
D	+12v
E	+12v
F	+12v
G	ECU Driver - 4
H	ECU Driver - 3
J	ECU Driver - 2
K	ECU Driver - 1

LHD COIL	
AS012-98PN	***Function***
A	Ground
B	Ground
C	+12v
D	+12v
E	+12v
F	+12v
G	ECU Driver - 4
H	ECU Driver - 3
J	ECU Driver - 2
K	ECU Driver - 1

CARBON COMPOSITE COIL PACKS

Characteristic Dwell Time									
I Primary	Ubatt								
	6v	8v	10v	12v	14v	16v	18v	24v	30v
5.0A	3.84	2.54	1.90	1.51	1.26	1.07	0.94	0.68	0.53
6.0A	4.93	3.14	2.33	1.84	1.52	1.30	1.13	0.81	0.63
7.0A	6.20	3.81	2.76	2.17	1.79	1.53	1.32	0.95	0.74
8.0A	7.70	4.51	3.21	2.51	2.06	1.74	1.51	1.08	0.84
9.0A	9.50	5.17	3.62	2.80	2.29	1.93	1.67	1.19	0.93
10.0A	11.20	5.61	3.87	2.97	2.42	2.04	1.77	1.26	0.98
Measured values are without loom resistance. Loom resistance must be less than the primary resistance. The needed dwell time is to be verified through current measurement.									

Characteristic Spark Energy & Provided High Voltage						
	I Primary					
	5A	6A	7A	8A	9A	10A
Spark energy (mJ)	22	29.7	37.5	46.3	53	58.4
Spark duration (ms)	0.82	0.93	1.03	1.12	1.17	1.21
Spark current (mA)	60	68.5	77	87.5	97	105
High voltage (kV)	26.8	31.6	36.4	40.9	44.4	46.3