

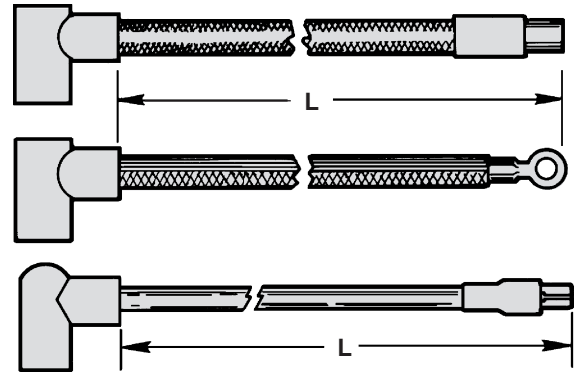
# North American 4085 Ignition Cable

Sheet 4085  
Ref: Bulletin 4065/4066

4085 ignition cables connect ignition transformers to industrial spark igniters, and flame rods to burner management systems. They are made with red high temperature silicone wire, and are capable of operating at the elevated temperatures common around industrial combustion equipment.

4085 cables can be ordered with the classic part number but the configuration format offers many more options to customize cables for a wide range of applications.

The six (6) cables at the bottom of the table below are the most common 4085 cables. To be available for quick delivery, they are kept in stock under the classic part number.



## CONFIGURED DESIGNATION ORDERING INFORMATION

**4085** - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Length of ignition cable: (in feet) \_\_\_\_\_  
 Standard lengths - 2.5, 4, 5, 6, 8, 10, 15, 20, 25, 30, 35, 40, 50, 60, 70, 80, 90, 100

Transformer secondary connection (input) \_\_\_\_\_

Spark plug connection (output) \_\_\_\_\_

**Note:** Any connection type can be configured for either cable end.

## CONNECTION TYPES

- A = #10 ring tongue
- B = 1/4" ring tongue
- C = standard straight 1/4" post
- F = female right-angle 1/4" blade
- FS = female straight 1/4" blade
- N = standard 90° boot (nylon 400°F)
- H = high temperature 90° boot (silicone 485°F)
- W = weatherproof 90° boot (silicone 400°F)
- X = no connection

## Part Number Examples:

Configured Designation	Classic Part Number	Cable length feet (meters)	Transformer Connection	Spark plug Connection
4085-5-A-H	4085-5-A/HT	5 (1.5)	#10 Ring Tongue	High Temperature Boot
4085-5-A-W	4085-5-AW	5 (1.5)	#10 Ring Tongue	Weatherproof Boot
4085-10-B-N	4085-10-B	10 (3)	1/4" Ring Tongue	Standard Boot
4085-10-B-H	4085-10-B/HT	10 (3)	1/4" Ring Tongue	High Temperature Boot
4085-15-C-W	4085-15-W	15 (4.5)	Standard 1/4" snap on	Weatherproof Boot
4085-20-B-W	4085-20-BW	20 (6)	1/4" Ring Tongue	Weatherproof Boot
Cables listed below are the most popular and are in stock (order with classic part number for quick delivery)				
4085-5-C-N	4085-5	5 (1.5)	Standard 1/4" snap on	Standard 90° Boot
4085-5-A-N	4085-5-A	5 (1.5)	#10 Ring Tongue	Standard 90° Boot
4085-5-C-H	4085-5-HT	5 (1.5)	Standard 1/4" snap on	High Temperature Boot
4085-5-C-W	4085-5-W	5 (1.5)	Standard 1/4" snap on	Weatherproof Boot
4085-10-C-N	4085-10	10 (3)	Standard 1/4" snap on	Standard 90° Boot
4085-10-C-W	4085-10-W	10 (3)	Standard 1/4" snap on	Weatherproof Boot

To order bulk wire without connections, use part number R980-1794 and specify length in feet.