

# POWER CONNECT®

HIGH-PERFORMANCE POWER CORDS



**CUTTING EDGE TECHNOLOGY  
HIGH PERFORMANCE  
SAVES TIME AND CONTROL  
CUSTOMISED SOLUTION**

**POWER CONNECT®**  
*A range of power cords  
fitted with crimped lugs  
in line with your needs.  
Discover the efficiency of  
SILICOUL®, VARPEN® and  
PLASTHERM® cables supplied  
at the desired length.*



CABLES FOR GLOBAL  
PERFORMANCE

# POWER CONNECT®

## HIGH-PERFORMANCE POWER CORDS

### TECHNICAL EXPERTISE

The **POWER CONNECT®** range springs from the know-how and technical expertise of our engineers. Based on the **SILICOUL®**, **VARPREN®** and **PLASTHERM®** power cables, our technical teams make up leads fitted with crimped lugs and delivered at the length specified by our customers.

Our Design Office is made up of experienced engineers who are specialists in metallurgy, plastics manufacture, electromagnetic compatibility, micromechanics, data transmission, etc. It will provide you with a fast, precise response by developing a **POWER CONNECT®** solution in line with the miscellaneous and complex constraints of your applications.

✓ **Contact us to define with our sales engineers the product best suited to your application.**

### HIGH PERFORMANCE

Cables are crimped and cut in our workshops to ensure optimum mechanical and electrical resistance in line with our customers' specifications. We thus offer a full, tested (voltage drop, tensile strength, etc.), ready-to-use solution.

### APPROPRIATE CONNECTORS

Our engineers select the most appropriate power lugs for your application and the use environment of your product.

Shape: Tubular, elbowed, angled, other designs possible

Material: Metallic (tinned electrolytic copper, aluminium, etc.)

Crimping: Manual or hydraulic press

CHARACTERISTICS	PLASTHERM® CONNECT	SILICOUL® CONNECT	VARPREN® 155 CONNECT
<b>Operating temperature</b>	-20°C to +80°C	-60°C to +180°C Good thermal shock resistance	-50°C to +155°C
<b>Operating voltage</b>	Low and medium voltage (contact us)	1.1 kV to 13.8 kV	1 000 V
<b>Mechanical behaviour</b>	Excellent abrasion resistance	Good mechanical strength	Excellent tearing strength
<b>Outside use</b>	Optional	Good UV resistance	-
<b>Halogen-free</b>	Optional	Yes	Yes
<b>Fire performance</b>	Optional: Flame retardant Fire retardant	Flame retardant	Flame retardant Fire retardant Low smoke emission

### SAMPLE CONFIGURATIONS

**PLASTHERM® 830 MM<sup>2</sup>  
CONNECT-CT4 L = 1.50 M**



**SILICOUL® 1.1 KV 240 MM<sup>2</sup>  
CONNECT-CT2 L = 2.00 M**



**VARPREN® 155 70 MM<sup>2</sup>  
CONNECT-90CT1 L = 2.50 M**



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