



Electrical & Energy Infrastructure Catalogue

Power-network materials and industrial electrical components for utilities, energy operators and infrastructure contractors.

CUSTOMER EDITION | EN | 2026



A division of FMC Group
Equipment & materials for energy, utilities and industry



Nine category families for power networks, industrial electrical systems and installation products.

E01

Power cables

LV and MV cables for distribution, substation and industrial applications.

E02

Control & instrumentation cables

Multicore, screened and application-specific cables for industrial and utility equipment.

E03

OPGW & conductors

Overhead-grid electrical and optical line materials.

E04

Overhead-line hardware

Selected suspension, tensioning, connection and vibration-control components.

E05

Joints & terminations

Rated accessories for cable-system connection.

E06

Ducts & chambers

Protected underground power-cable routes.

E07

Electrical enclosures & panel assemblies

Enclosures and qualified panel assemblies for distribution and defined industrial applications.

E08

Industrial interconnects & selected sensors

Industrial connectors, interfaces and selected sensing components.

E09

Installation products

Poles, earthing, fastening and identification.



PROJECT-SPECIFIC SELECTION

Exact products, approvals and delivery terms are confirmed in the written quotation.

E01 | Power cables

For power distribution, substation and industrial applications.

ENQUIRY INPUTS Cable schedule; U0/U/Um; conductor and screen sizes; construction; installation method; load/current; drum lengths; standards and tests.

E02 | Control & instrumentation cables

Multicore, screened and application-specific cables for industrial and utility equipment.

ENQUIRY INPUTS Circuit list; core/pair count; conductor size; screening; voltage; temperature; fire and termination requirements.

E03 | OPGW & overhead conductors

For overhead-grid connections, line refurbishment and route replacement.

ENQUIRY INPUTS Fibre design; spans/loading; electrical and mechanical duty; drum plan; FAT requirements.



PROJECT-SPECIFIC SELECTION

Exact products, approvals and delivery terms are confirmed in the written quotation.

E04 | Overhead-line hardware

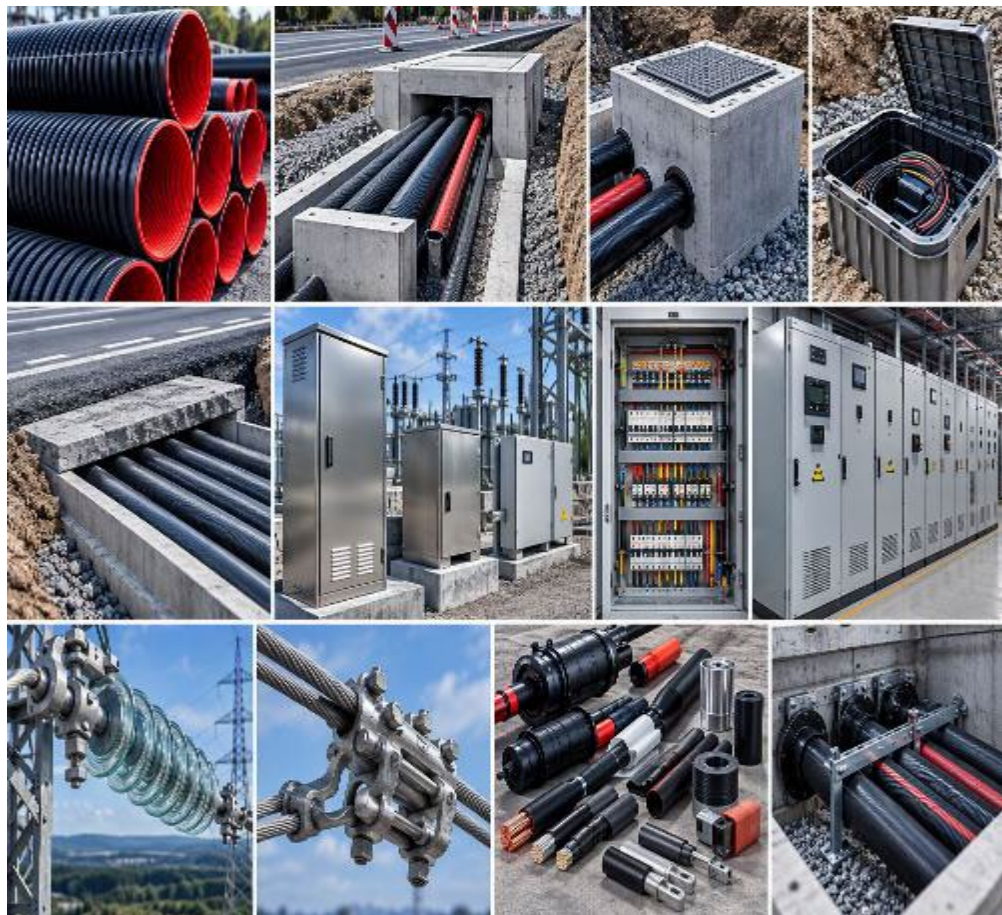
Selected suspension, tensioning, connection and vibration-control components.

ENQUIRY INPUTS Tower drawings; conductor type and geometry; loads; interfaces; corrosion/environmental conditions; insulator design; tests.

E05 | Cable joints & terminations

Correctly rated straight joints and indoor/outdoor terminations.

ENQUIRY INPUTS Cable datasheet; voltage class; cable type/size; insulation diameter; screen/sheath arrangement; joint or termination type; installation environment; standards and tests.



PROJECT-SPECIFIC SELECTION

Exact products, approvals and delivery terms are confirmed in the written quotation.

E06 | Power ducts & chambers

Protected corridors, road crossings and substation entries.

ENQUIRY INPUTS

Route drawings; duct size/material; load class; bending/thermal criteria; drainage.

E07 | Electrical enclosures & panel assemblies

For distribution, metering and industrial applications.

ENQUIRY INPUTS

Single-line diagrams; load schedule; dimensions; environmental rating; spare capacity; tests.



PROJECT-SPECIFIC SELECTION

Exact products, approvals and delivery terms are confirmed in the written quotation.

E08 | Industrial interconnects & selected sensors

Industrial connectors, interfaces and selected sensing components.

ENQUIRY INPUTS

Pinout; ratings; signal; range/accuracy; process connection; controller and approvals.

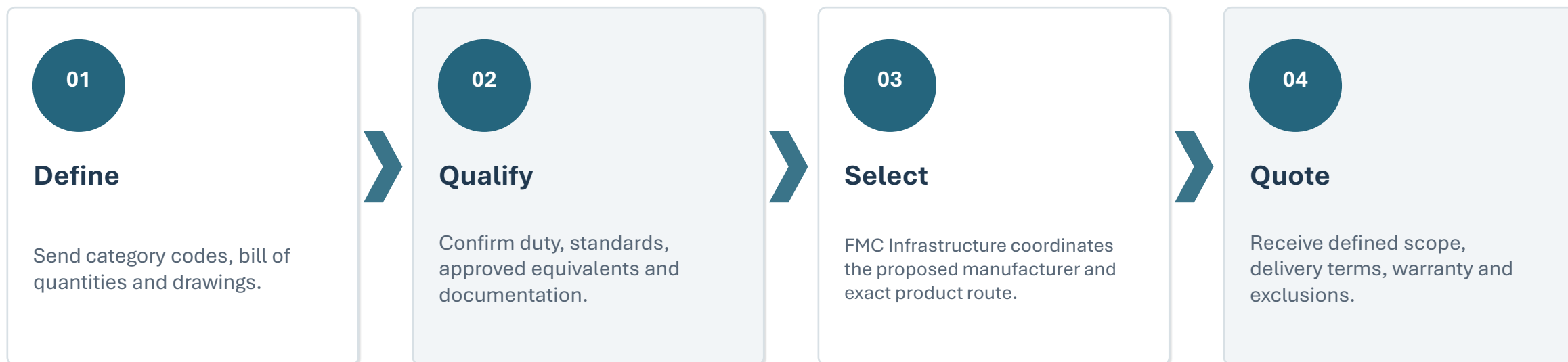
E09 | Poles, earthing, fastening & identification

Selected installation components for routes, structures and bonding.

ENQUIRY INPUTS

Mechanical loads and anchoring requirements; fixing duty; marker system; bonding schedule; conductor/lug sizes; tests.

From requirement to a project-specific quotation



Supply boundary

Installation, commissioning and complete-system performance are included only when expressly scoped with a qualified delivery partner.

Start your project enquiry

Electrical & Energy Infrastructure

Include in your request

- Category codes and quantities
- Bill of quantities and drawings
- Operating duty and technical standards
- Approved-equivalence rules
- Destination and required delivery date

FMC Infrastructure

Regional infrastructure sourcing
Technical-documentation coordination
Agreed delivery logistics

Contact your FMC Infrastructure representative