FLEXTEL 110
ES05VV-F

Flexible multi-conductor control cable for mobile use.

UNE 21031-5 1C

DESIGN

Conductor
Electrolytic copper, class 5 (flexible), based on EN 60228 and IEC 60228.

Insulation
Flexible PVC.

The standard identification of insulated conductors is the following:

6 or more conductors  Black numbered + Green/yellow

Outer sheath
Flexible PVC, grey or black colour.

APPLICATIONS

Flextel ES05VV-F is a flexible cable for mobile service. Suitable for the connection of machinery parts used in manufacturing, including machine tools. Suitable for indoor use. Its installation is recommended in fixed ducts. Not suitable for buried installations.
CHARACTERISTICS

Electrical performance
LOW VOLTAGE 300/500 V

Standard
UNE 21031-5 1C

Approvals
CE
SASO
RoHS

Thermal performance
Maximum service temperature: 60°C.
Maximum short-circuit temperature: 150°C (max. 5 s).
Minimum service temperature: 5°C.

Fire performance
Flame non-propagation based on UNE-EN 60332-1 and IEC 60332-1.
Reduced emission of halogens. Chlorine <15%.
Reaction to fire CPR: Eca, according to EN 50575.

Mechanical performance
Minimum bending radius: x5 cable diameter.
Impact resistance: AG2 Medium severity.

Chemical performance
Chemical & Oil resistance: Good.

Water performance
Water resistance: AD5 Jets.

Other
Meter by meter marking.

Installation conditions
Open Air.
In conduit.

Applications
Mobile use.
Domestic use.