



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.

E_{ca}

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

Flexitel 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



E_{ca}



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: E_{ca,r} 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.