



SCREENFLEX 110 LiYCY VC4V-K

Flexible screened PVC cable, for safe signal transmission.

UNE-EN 50525

DESIGN

1. Conductor

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

2. Insulation

Flexible PVC.

The standard identification of insulated conductors is the following:

1 x	natural
2 x	Blue + Brown
3 x	Blue + Black + Brown
3 G	Blue + Brown + Green/yellow
4 G	Brown + Black + Grey + Green/yellow
4 x	Brown + Black + Grey + Blue
5 G	Brown + Black + Grey + Green/yellow + Blue
6 G	Black numbered + Green/yellow.

Other identifications (JZ, OZ, J, Z) are available on request.

3. Screen

Aluminium-polyester tape screen with overlapping tinned copper braid, ensuring full screening coverage.

4. Outer sheath

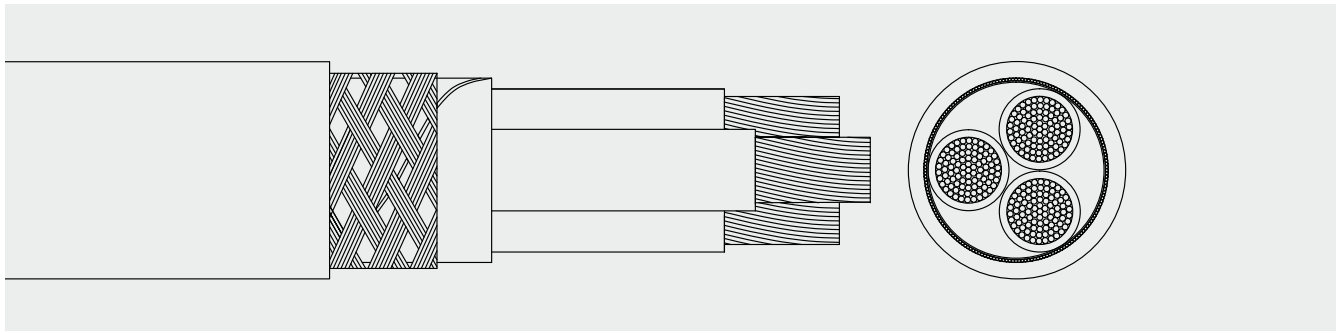
Flexible PVC, black or grey colour (grey for fire non-propagation). The ripcord allows you to gently tear the outer-sheath allowing you to gently peel it away without damaging the screen.

APPLICATIONS

Screenflex 110 VC4V-K is a screened control cable. It is used in all types of signal transmission connections where the voltage induced by an exterior electromagnetic field may affect the signal transmitted. Its most common applications are: control circuits, electronic equipment connections, computer systems, etc.



This cable render is an example from this product range and does not necessarily match the selected core size or number of cores.



CHARACTERISTICS



Electrical performance

LOW VOLTAGE 300/500 V



Standard

UNE-EN 50525



Approvals

CE
RoHS



Thermal performance

Maximum service temperature: 70°C.
Maximum short-circuit temperature: 160°C (max. 5 s).
Minimum service temperature: -40°C (fixed and protected installations).



Fire performance

Flame non-propagation based on UNE-EN 60332-1 and IEC 60332-1.
Fire non-propagation based on UNE-EN 60332-3 and IEC 60332-3 (only grey outer sheath).
Reduced emission of halogens. Chlorine <15%.



Mechanical performance

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



Chemical performance

Chemical & Oil resistance: Good.
UV Resistant: UNE 211605.



Water performance

Water resistance: AD5 Jets.



Other

Meter by meter marking.
Ripcord.
Electric fields resistant.



Installation conditions

Open Air.
Buried.
In conduit.



Applications

Industrial use.

