



TOPFLEX MS TRI-RATED

Internal wiring of electrical cabinets. (UL, CSA, BS, UNE...)

EN 50525-2-31 / UL 758 / CSA C22.2 / BS 6231

DESIGN

1. Conductor

Electrolytic copper, class 5 (flexible), based on EN60228 / IEC 60228 and BS 6360.

2. Insulation

Flexible PVC, extra sliding, high service temperature type T13 according to UNE 21031/ HD 21 and Class 43 UL 1581.

The standard identification of insulated conductors is the following:

| | |
|--------------|---------------------|
| Blue | RAL 5012 |
| Brown | RAL 8003 |
| Black | RAL 9005 |
| Red | RAL 3000 |
| Green/yellow | RAL 1021 / RAL 6018 |
| Grey | RAL 7000 |
| Dark Blue | RAL 5003 |
| White | RAL 9010 |
| Orange | RAL 2003 |
| Violet | RAL 4005 |
| Pink | RAL 3015 |

Other colours available on request



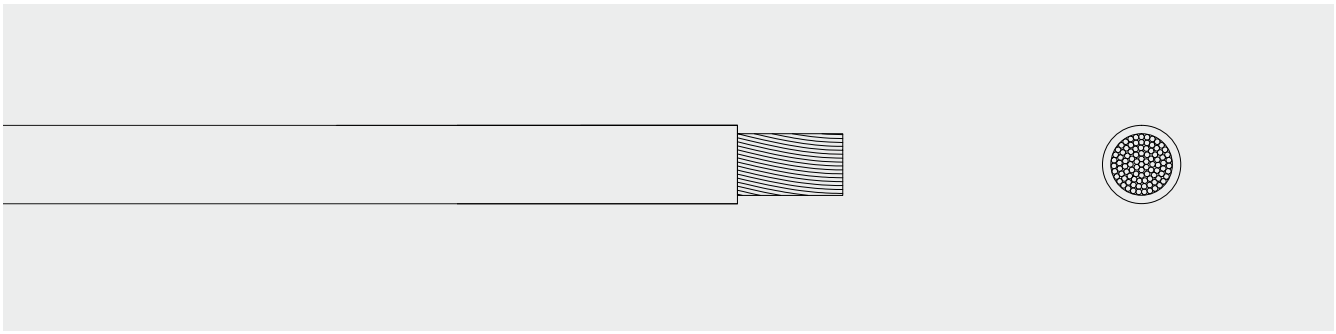
APPLICATIONS

Topflex Tri-rated cable has been designed for the internal wiring of electrical cabinets, switch boards and small electrical devices. Due to its manufacturing characteristics, it can be used in conduit or in flexible motor ducts, transformers and other machinery in general.



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
H05V2-K 300/500 V · H07V2-K 450/750 V ·
CK 600/1000 V · UL 600V"



Standard

EN 50525-2-31 / UL 758 / CSA C22.2 / BS 6231



Approvals

CE
CSA
UL LISTED
RoHS



Thermal performance

Maximum service temperature: 90°C s/HD and BS,
105°C s/UL and CSA.
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.



Mechanical performance

Minimum bending radius: x5 cable diameter.



Chemical performance

Chemical & Oil resistance: Acceptable.



Water performance

Water resistance: AD3 Sprays



Other

Meter by meter marking (from 10 mm² onwards).



Installation conditions

In conduit.



Applications

Electrical panel wiring.
Industrial use.



Packaging

These cables are supplied in 100 m reels, barrels or
bulk drums (see table below).

CROSS SECTION PACKAGING

0,50-6 mm² 100 m reels (or barrels upon request)
10-16 mm² 100 m reels or bulk drums
25 mm² onwards bulk drums

