



K-ITM FG7OM1

Description : Halogen Free, Fire retardant, LSF power, control and signalling cables, insulated in type G7 Elastomeric compound and HFFR polyolefin compound sheathed with flexible conductors for fixed installation.

Design:



Construction : Flexible bare conductors according to CEI 20-29 Class 5, DIN-VDE 0295 K5 and IEC 60228 Cl.5
HEPR elastomeric compound type G7 insulation
Colour code cores as per Tab. Unel 0722, VDE 0293 e IEC 227-1
Outer jacket in HFFR polyolefin compound type TM7 according to CEI 20-11

Manufacturing's Controls: Test and Control according to our certificated **ISO 9001-2015 CSQ-IMQ (EQ-NET)** Quality System procedure.
Labor tests reports are stored in our internal Q.C. laboratory archive together with the production reports

Norms : Flame-retardant according to IEC 60332-1-2 (flame spread on a single cable)
No flame-propagation according to IEC 60332-3-24 respectively IEC 60332-3-25 (Flame spread on vertical cable or wire bundle)
Halogen-free according to IEC 60754-1 (amount of halogen acid gas)
Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)
Low smoke density according to IEC 61034
According CEI 20-13 IEC 60502-1 CEI UNEL 35375-35377
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 600/1000V
- Spark Test voltage : 3000 V
- Working temperature : Occasional flexing: -5°C to +90°C
Fixed installation: -25°C to +90°C
- Minimum bending radius Flexible use: 12.5 x outer Ø
Fixed installation: 4 x outer Ø

Use : Cable for power supply and energy transmission.
In inner places, also wet, and outer places; fix position on brickworks and on metallic structures; possible also for under-ground laying.
Recommended for the realization of electrical systems in public places.
These cables are suitable for free not continuously movement appliance without tensile load or compulsory guidance as well as for fixed installation.
Manufactured free of substances harmful to lacquer (LB-free / silicone free) and is therefore suitable for use in lacquering shops