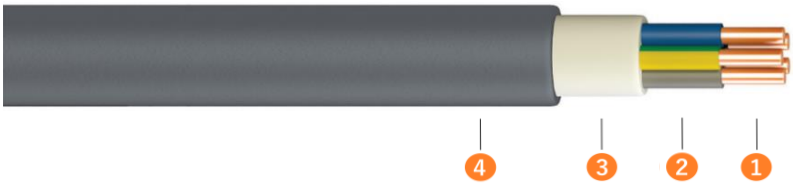
TECHNICAL DATASHEET
YMvK (Cu/XLPE/F2 PVC)

APPLICATION

Suitable for dry and humid areas, all type of factories, warehouses and depots where there is fire and explosion threat. Not suitable for underground. Used in fixed installations laying in conduit on and under plaster.



	Number of cores x Nominal cross section	*mm²*	*5x2,5*
	Rated voltage (Uo/U)	*kV*	*0,6/1*
	Applicable standard	*-*	*HD 604 S1 Part 4 Section D*
1	**CONDUCTOR**		
	Material of conductor	*-*	*Solid copper (Class 1)*
	Applicable standards	*-*	*EN 60228*
2	**INSULATION**		
	Material of insulation	*-*	*XLPE (Cross-linked polyethylene)*
	Thickness of insulation	*mm*	*0,70*
	Diameter of insulation	*mm*	*3,15*
	Identification of cores	*HD 308 S2*	*Brown - Blue - Green/Yellow - Black - Grey*
3	**FILLER**		
	Material of filler	*-*	*F2 PVC (Flame retardant polyvinyl chloride)*
	Thickness of filler	*mm*	*0,30*
	Diameter of filler	*mm*	*9,15*
4	**OUTER SHEATH**		
	Material of outer sheath	*-*	*F2 PVC (Flame retardant polyvinyl chloride)*
	Thickness of outer sheath	*mm*	*1,80*
	Overall cable diameter (approx)	*mm*	*12,75*
	Colour of outer sheath	*-*	*GREY*
	TECHNICAL DATAS AND SPECIFICATIONS		
	Maximum resistance of the conductor at 20 °C	*ohm/km*	*7,41*
	Current carrying capacity in; Ground / Air	*A*	*40 / 32*
	AC Test voltage	*V*	*3500*
	Weight of cable (approx)	*kg/km*	*285*
	Minimum bending radius during laying	*mm*	*12xCable Ø*
	Temperature range	*°C*	*-20 / 90*
	Maximum operating temperature	*°C*	*90*
	Maximum short circuit temperature (max. 5 sec.)	*°C*	*250*
	Flame propagation test on single cable	*-*	*EN 60332-1-2*
	Flame retardant test of bunched cables	*-*	*EN IEC 60332-3-24 Cat. C*

-20 / +90 °C Temperature range

90 °C Max. operating temperature

250 °C Max. short circui (max.5 sec.)

EN/IEC 60332-1-2 EN IEC 60332-3-24 Flame test standards

RoHS Compliance

REACH Compliance

European Conformity

Eurasian Conformity