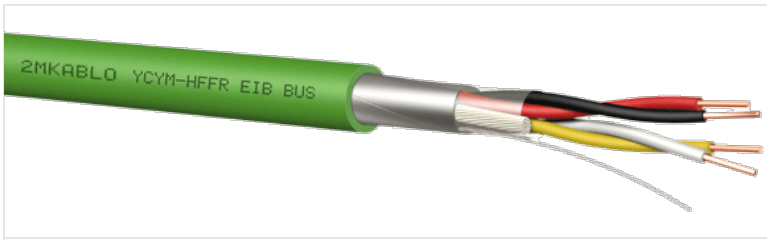
YCYM-HFFR EIB BUS



Areas of Use

Used in European Installation Bus systems in buildings/smart buildings for automation purpose of lighting, heating, ventilation, security, and voice announce systems. PVC and HFFR are available upon request. HFFR versions are less flammable in case of fire, mostly self-extinguishing, have low smoke density and they do not emit poisonous and corrosive gasses during a fire.

Cable Construction

Conductor	0.80 mm Annealed Solid Copper (EN 60228, Class 1)
Insulation	HFFR (EN 50290-2-27, VDE 0207 Part 24 Type HM2)
Core Colors	Pair 1: Red / Black Pair 2: White / Yellow
Separator	PET Foil
Drain Wire	0.40 mm Solid Tinned Copper
Screen	Al-PET Foil
Outer Sheath	HFFR (EN 50290-2-27), RAL 6018 - Green

Technical Properties

Operating Voltage	≤250 V
Test Voltage	1000 V
Conductor Resistance	≤36.6 Ω/km
Insulation Resistance	>100 M.Ωxkm
Capacitance (@800Hz)	≤100 nF/km
Temperature Range	-30 °C.....+70 °C
Smoke Density	IEC/EN 61034-1+2
Corrosive Gases Measurement	IEC/EN 60754-2
Min. Bending Radius (Fixed)	10 x Cable Diameter
Flame Retardancy	IEC/EN 60332-1-2

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