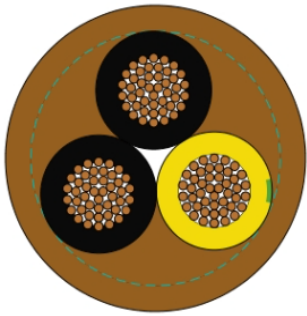


## FLEX-H UV resistant 3Gk mm<sup>2</sup>



Used in signal transmission of control systems for many applications in buildings. These cables are operated with 300/500 V and with the cross-section of 0.34 mm<sup>2</sup> to 2.50 mm<sup>2</sup>. Depending on the applications need, PVC, HFFR or TPU outer sheathed, bare or tinned copper, screened or unscreened types are available. 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 fire.

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### Constructional Properties

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Conductor:	Stranded annealed copper wires (Class 5)
Insulation:	Halogen Free Flame Retardant Compound (HFFR/LSZH/LSOH/FRNC)
Core Identification:	Black-Numbered / Yellow with Green Stripes
Lay-up:	Cores stranded in layers
Sheath:	Halogen Free Flame Retardant Compound, ,UV (Sunlight Resistance)
Cable Color:	RAL8001-Brown UV
Standard:	Based on VDE 0245

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### Technical Properties (20°C)

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Operating Voltage:	300/500 V
Test Voltage:	3.5 kV
Operating Temp. Fixed:	-30°C...+80°C
Installation Temperature:	-10°C...+70°C
Flame Propagation:	IEC 60332-1-2
Smoke Density:	IEC 61034-1/2
Corrosive Gases:	IEC 60754-1/2
Sunlight Resistance:	UL 1581 Section 1200
Min. Bending Radius:	8 x Cable Diameter
Strip Force:	Max. 90 N
Euro Class:	Cca s1a d1 a1

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### Marking

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kabeltec FLEX-H UV resistant ..G.. mm<sup>2</sup> Cca s1a d1 a1 CE RoHS 75692 MM/YY LOTNO [METER MARK]

Configuration [mm <sup>2</sup> ]	Cable Diameter (±% 10) [mm]	Max. Conductor Resistance [Ohm/km]	Cable Weight (Approx.) [Approx][kg/km]
3 x 1.50	6.80	13.30	94.22
3 x 2.50	8.30	7.98	147.20