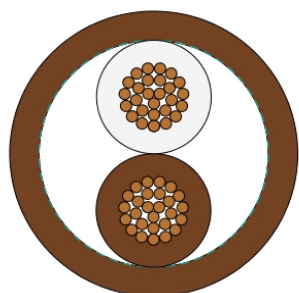


LIHH 2x1.5 CTS UV LSZH 300/500V



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 mm² to 2.50 mm². 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.

Constructional Properties

Conductor:	Stranded annealed copper wires (Class 5)
Insulation:	Halogen Free Flame Retardant Compound (HFFR/LSZH/LSOH/FRNC)
Core Identification:	DIN 47100
Sheath:	Halogen Free Flame Retardant Compound (HFFR/LSZH/LSOH/FRNC)-UV
Cable Colour:	RAL 8001 Brown
Standard:	Based on VDE 0812

Technical Properties (20°C)

Operating Voltage:	300/500 V
Test Voltage:	2 kV
Operating Temp. Fixed:	-30°C...+70°C
Installation Temperature:	-10°C...+70°C
Flame Propagation:	IEC 60332-1-2 , IEC 60332-3-24
Smoke Density:	IEC 61034-1/2
Corrosive Gases:	IEC 60754-1/2
Min. Bending Radius:	8 x Cable Diameter
Euro Class:	Cca (after re-braiding)

Marking

kabeltec LIHH ..x.. CTS UV LSZH 300/500V [METER MARK]

Cable Diameter (±%5) [mm]	Max. Conductor Resistance [Ohm/km]	Copper Weight (Approx.) [kg/km]	Cable Weight (Approx.) [kg/km]
6.4	13.3	27	59

Number of Core	Insulation Colour	Ring Colour
1	White	null
2	Brown	null