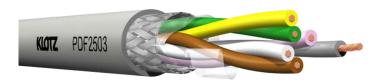
bulk cables bus & control

data control

PDF25..

balanced



PolyDATA - LiHCH [TP] 3 x 2 x 0.25 mm² - FRNC

- 0.25 mm² conductor cross section
- twisted pair construction (TP)
- flame retardant and non corrosive (FRNC)

FRNC

The PolyDATA LiHCH is designed for installations. It is used for data transmission, generally control signals (e.g. RS232). Each core comprises a fine stranded wire (14 x 0.15 mm) with conductor cross-section of 0.25 mm², enclosed in an LSZH (Low Smoke Zero Halogen) insulator. The twisted paired wires are colour-coded according to DIN 47100. The PolyDATA LiHCH has an overall braided shield offering extra-high protection against interference. With an outer jacket of FRNC, the PolyDATA LiHCH complies with the following IEC standards: IEC 60332-1-2 (flame-retardant), IEC 61304-2 (low-smoke), IEC 60754-1 (halogen-free) and IEC 60754-2 (non-corrosive).

design

cond. cross section cond. construction insulation core arrangement taping shielding outer jacket 0.25 mm² stranded bare copper, 14 x 0.15 mm LSZH, colour code acc. to DIN 47100 twisted to pairs polyester foil tinned copper braid, 85% coverage

mechanics

min. bending radius working temperature

10x overall diameter

FRNC

electric

 $\begin{array}{lll} \text{conductor resistance} & 75 \ \Omega/\text{km} \\ \text{capacity} & 90 \ \text{pF/m} \\ \text{test voltage} & 1200 \ \text{V} \\ \text{max. operating voltage} & 250 \ \text{V} \end{array}$

fire performance

flame retardancy acc. to IEC 60332-1-2
low smoke emission acc. to IEC 61034-2
halogen-free acc. to IEC 60754-1
non corrosive acc. to IEC 60754-2

order code	no. of pairs	outer Ø mm	cable color	weight kg/m
PDF2503	3	5.7	grey	0.05
PDF2514 🐽	14	11	grey	0.17

technical specifications are subject to change

