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

mechanics

min. bending radius	10x overall diameter
working temperature	-20°C / +70°C

electric

conductor resistance	75 Ω/km
capacity	90 pF/m
test voltage	1200 V
max. operating voltage	250 V

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 sale	14	11	grey	0.17

technical specifications are subject to change