PolyDATA - LiHCH [TP] - n x 2 x 0.14 mm² FRNC

• 0.14 mm² condcutor cross section (AWG 26)
• twisted pair construction (TP)
• flame retardant and non corrosive (FRNC)

FRNC **sale**

The multicore cable PolyDATA LiHCH is designed for installations and is available in 2 to 25-channel models. It is used for data transmission, generally control signals (e.g. RS232). Each core comprises an ultra-fine stranded wire (18 x 0.10 mm) with conductor cross-section of 0.14 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 (flame-retardant), IEC 61304-2 (low-smoke), IEC 60754-1 (halogen-free) and IEC 60754-2 (non-corrosive).

construction

cond. cross section	0.14 mm²
cond. construction	stranded blank copper, 18 x 0.10 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	-30°C / +70°C

electric

conductor resistance	< 148 Ω/km
capacity	80 pF/m
test voltage	1200 V
max. operating voltage	250 V

fire performance

flame retardancy	acc. to IEC 60332-1
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
PDF1424	24	12.2	grey	0.19
PDF1425	25	12.2	grey	0.21

technical specifications are subject to change