



Cable structure

Inner conductor diameter:

Core insulation:

Core colours:

Screen over stranding element:

Screen over stranding 1:

Screen over stranding 2:

Outer sheath material:

Outer Ø

Outer sheath colour:

Twinax indoor or outdoor

1 x AWG 20, Copper, bare + 1 x AWG 20,

Copper, tinned

PE

Transparent

Solid PE dielectric

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Cu braid, tinned

PVC / PE

approx. 8,3 mm / approx. 9,3 mm

Black

Electrical data

Characteristic impedance:

105 Ohm

Mutual capacitance:

53 nF/km nom.

Rel. propagation velocity:

66 %

Typical values

Frequency	(MHz)	100
Attenuation	(dB/100m)	14,0

Technical data

Weight:

88,00 kg/km

Min. bending radius for laying:

125 mm

Operating temperature range min.:

-10°C

Operating temperature range max.:

+80°C

Copper weight:

51 kg/km

Application

HELUKABEL® TWINAX cables are used in the area of the IBM computer systems S/36, S/38 and AS400. By using a special PE sheath, an outdoor version was developed as well.

Part no.

80072, IBM P/N 7362211 Twinax indoor

80073, IBM P/N 7362211 Twinax outdoor

Dimensions and specifications may be changed without prior notice.

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