

DATACABLE CAT 5E/CAT 5E-X HIGHFLEX

Flexible cable for cable chains



Application : **Flexible shielded bus cable for TCP/IP -Fast Ethernet- cat. 5E 1000 Mbit/s applications. Especially suitable for use in cable chains.**

TECHNICAL DATA : **TYPE CAT5E HIGHFLEX**
 Construction of conductor : Highly flexible, finely stranded bare copper, AWG 26/19.
 Insulation of conductor : polyolefin.
 Inner sheath : TPE, thermoplastic elastomer.
 Coding of conductor : according to IEC 708: blue-white, white-orange, white-green, white-brown.
 Braiding : tinned copper braiding.
 Outer jacket : Polyurethane, non adhesive, free of halogen, flame retardant.
 Colour of outer jacket : Water blue RAL 5021.
 Bend radius : 15 x outer diameter.
 Temperature range : Flexing: -5°C tot +60°C.
 : Static: -30°C tot +80°C.
 Insulation resistance : Min. 20 M. Ohm/km.
 Core resistance : max. 192 Ohm/km.
 Operating capacity on 800 Characteristic impedance : 100 Ohm (at 1-100 MHz).
 Test voltage : 1000 Volt.
 Voltage rating : 125 Volt.

TECHNICAL DATA : **TYPE CAT5E-X HIGHFLEX**
 Construction of conductor : Highly flexible, finely stranded bare copper, AWG 26/19.
 Insulation of conductor : foam-skin polyethylene.
 Inner sheath : TPE, thermoplastic elastomer.
 Coding of conductor : according to IEC 708: blue-white, white-orange, white-green, white-brown.
 Braiding : tinned copper braiding.
 Outer jacket : Polyurethane, non adhesive, free of halogen, flame retardant.
 Colour of outer jacket : Water blue RAL 5023.
 Bend radius : 10 x outer diameter.
 Temperature range : Flexing: -5°C tot +60°C.
 : Static: -30°C tot +80°C.
 Insulation resistance : Min. 20 MOhm/km.
 Core resistance : max. 284 Ohm/km.
 Operating capacity : 100 Ohm (at 1-100 MHz).
 (on 800 Characteristic impedance)
 Voltage rating : 125 Volt.

Stock	: article number	cores x gage mm ²	outer diameter
	0159999	CAT 5E 4 x 2 x AWG 26/19	ca. 6,1 mm
	0159993	CAT 5E-X 4 x 2 x AWG 26/19	ca. 6,3 mm