

LAN cable

Faber® Industrial Dataline 1000 Flex STP PVC



Application: For connection of IT system units in the desktop and distribution area in industrial environments (INDUSTRIAL ETHERNET). For use in dry and wet rooms under medium mechanical stress.

Flame retardant: FT4 Vertical-Tray Flame Test acc. to UL 1685 part 1164 / CSA

Construction and technical data:

Standard:	UL/CSA
Specification/Standard:	c(UL)us Listing Type CMG 75 °C UL 444
Conductor material:	tinned copper
Conductor construction:	strand, 7-wired construction
Insulation:	foam skin
Stranding unit:	Pair
Core wrapping:	fleece
Screen over stranding unit:	Foil
Screen over strand:	tinned copper braid
Screen coverage:	85 %
Sheathing material:	PVC
Colour of outer sheath:	green RAL 6018
Flame-retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
Oil-resistant:	UL 2556
Permitted outer cable temperature, fixed, °C:	-40 - +80 °C
Permitted outer cable temperature, moved, °C:	-10 - +70 °C
Bending radius, fixed installation:	8 x Ø
Bending radius, moving application:	15 x Ø
Impedance:	100 Ohm
Insulation resistance:	5000 MOhm x km
Category:	7



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

Loop resistance: 146.2 Ohm/km

Maximum operating capacity: 48 nF/km

Core identification: white/orange, white/green, white/blue, white/brown

peak operating voltage, V: 125 V

part no.	part name	Ø [mm]	Cu	G [kg]
102194	Industrial Dataline 1000 Flex STP PVC Kat.7 4X2XAWG23/7 PiMF	8.8	44	87

Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000