

DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

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 as well as temporary outdoors under medium mechanical stress. The AWG 26 version may be connected with RJ 45 plugs.

Construction and technical data:

Standard:	ISO/IEC 11801, EN 50173, EN 55022, E DIN 44312-5
Specification/Standard:	ISO/IEC 11801, EN 50173, EN 50228-2-2
Conductor material:	copper, bare
Conductor construction:	see article description
Insulation:	foam skin
Stranding:	pairs in layers
Screen:	aluminium foil + tinned copper braid
Screen coverage:	85 %
Sheathing material:	polyurethan
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Permitted outer cable temperature, fixed, °C:	-40 - +70 °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 \times km
Velocity factor (NVP):	0.75 v/c
Category:	5+



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.

Industrial Ethernet

Maximum operating capacity:

48 nF/km

Core identification:

colours acc. to IEC 60708

part no.	part name	Ø [mm]	Cu	G [kg]
100717	2X2X AWG 26/7 (0.14 sqmm = 7X0.16 mm) flex FRNC green, similar to RAL 5021	5.9	35	45

Ø | outer diameter approx.

Cu | Copper weight (GER)

G | net weight per 1000