



Construction

Conductor	Flexible bare copper wires
Insulation	Foam polyolefin
	Identification: Colours according to DIN 47100
	· 1x2: White+Brown
	· 2x2: White+Brown, Green+Yellow
Assembly	Twisted pairs laid-up together with eventual fillers (if necessary)
Overall screen	Tinned copper wire braid
Outer sheath	PUR (Polyurethane)
	Colour: Violet (according to DESINA)

Technical characteristics

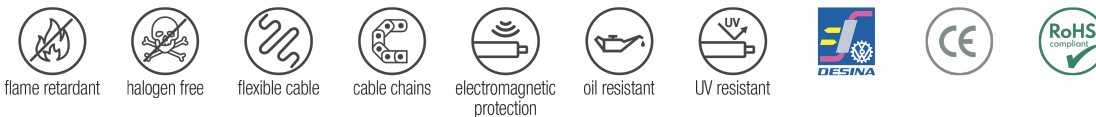
Operating voltage	30 V
Mutual capacitance	40 pF/m Approx.
Characteristic Impedance	120 Ohm Approx.
Operating T^a (conductor)	Fixed installation: -40°C +70°C
	Dynamic installation: -30°C +70°C
Min. bending radius	Fixed installation: 8xD
	Dynamic installation: 15xD

Application

Bus cable for data transmission systems (CAN, Controller Area Network) in industrial processes. The version with high mechanical strength PUR-jacket is especially recommended for highly flexible applications and is suitable for dynamic applications in cable chains.

Standards / Properties

Reference standards	UL/CSA
Flame Retardant	IEC 60332-1-2
Other characteristics	Halogen free
	Oil resistant
	UV resistant



Constructive Data

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)
35100048	1x2x0,25	6,5	52
35100049	1x2x0,34	6,9	53
35100050	1x2x0,50	8,2	72
35100051	2x2x0,25	8,4	68
35100076	2x2x0,34	9,6	88
35100079	2x2x0,50	10,8	106

Legend

Code	Cervi codification
NxS (mm2)	Number of conductors x Section (mm2)
Ø (mm)	Aprox. outer diameter (mm)
Weight (kg/km)	Approximate cable weight (kg/km)