

Sondertypen / Special Manufacturing

L2 BUS FC LSOH

02YS(St)CH
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Verwendung:

The cable is intended for connecting L2-Bus components (standard 486) and transmission of analogue and digital signals. Paired construction ensures good symmetry with respect to earth, while the double screen protects against interferences from external electromagnetic fields, what guarantees very good transmission quality. Cables may be used in dry and damp rooms and are suitable for fixed installations. Special construction allows to strip the cable with the special stripping tool (FastConnect)
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Aufbau:

- Cores: solid copper conductors 1x2x0,64
- Insulation: made of foamed PE with a thin external layer of solid PE
- Filling sheath: LSOH compound
- Screens: aluminium backed polyester tape and tinned copper wire braid
- sheath: LSOH compound, UV resistant

Technische Daten:

Leiter Werkstoff	Kupfer
Leiterklasse	Klasse 1
Aderisolationwerkstoff	foamed PE with a thin external layer of solid PE
Aderkennung	rot, grün
Verseilung	2 Adern gemeinsam verseilt
Außenmantelwerkstoff	halogenfreie Mischung
Mantelfarbe	lila
Nennspannung [V]	Max. 100
Prüfspannung [V]	1500V
Leiterwiderstand	loop resistance: 115Ω/km
Isolationswiderstand	1GΩ/km
Strombelastbarkeit	30nF/km
kleinster Biegeradius fest [xd]	10xd
kleinster Biegeradius bewegt [xd]	
Betriebstemp. fest min/max [C]	-40°C bis +70
Betriebstemp. bew. min/mac [C]	-5°C bis +50
Temperatur am Leiter max.	
Brandverhalten	IEC 60332-1-2: flammwidrig und selbstverlöschend
Normen	

Application:

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Construction:

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Technical Data:

Conductor Material	Copper
Conductor class	class 1
core insulation	foamed PE with a thin external layer of solid PE
core identification	rot, grün
stranding	Two cores twisted in pairs
outer sheath	LSOH compund
sheath colour	purple
rated voltage [V]	Max. 100
testing voltage [V]	1500V
conductor resistance	loop resistance: 115Ω/km
insulation resistance	1GΩ/km
current carrying capacity	30nF/km
min. bending radius fixed [xd]	10xd
min. bending radius moved [xd]	*
working temp fixed min/max [C]	-40°C up to +70
working temp moved min/mac [C]	-5°C up to +50
temp at conductor max.	*
burning behaviour	IEC 60332-1-2: flame-retardant and self-extinguishing
Approvals	*

Kabel / Cable

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
	1 x 2x0,64	8	2,70	7,50

Kontakt: