Kontakt:

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Sondertypen / Special Manufacturing

PA-BUS FC halogenfrei

*

Verwendung:

For indoor applications, in wet and dry rooms. For industrial application and data transmission. Cable is suitable for outdoor applications - cable is UV resistant. Common screen made of tinned copper braid provides high protection from external electromagnetic fields (about 50dB). Common screen made of tinned copper braid effectively protects transmitted signals from external electromagnetic field. Using two-side connection of screen provides electromagnetic confirmity (EMC) of cable.
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Application:

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Aufbau:

- CU-Draht, blank
- Aderisolation Zell-PE
- Aderfarben rot und grün
- Adern mit optimalen Schlaglängen und - Blindadern in den Zwickeln in Lagen verseilt
- Geschirmt mit Aluverbundfolie und verzinntem CU-Geflecht
- Außenmantel aus spezieller halogenfreier Mischung, flammwidrig, UV-beständig

Construction:

- copper conductor
- cores insulated with expanded PE
- coloured cores, red, green
- twisted with blind cores in voids
- screened with composite aluminium foil and tinned copper braid
- outer sheath made of special flame retardant halogen free compound

Technische Daten:

Leiter Werkstoff	Kupfer, blank
Leiterklasse	Klasse 1
Aderisolationwerkstoff	PE
Aderkennung	Farben: rot und grün
Verseilung	Adern in Lagen verseilt
Außenmantelwerkstoff	halogenfreie Mischung
Mantelfarbe	Schwarz oder blau
Nennspannung [V]	max. 100
Prüfspannung [V]	1500V transmission conductors
Leiterwiderstand	≤ 22 Ω / km transmission conductors
Isolationswiderstand	min. 1 GΩ x km
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	10xd
kleinster Biegeradius bewegt [xd]	
Betriebstemp. fest min/max [C]	-40°C bis +80°C
Betriebstemp. bew. min/mac [C]	-5°C bis +50°C
Temperatur am Leiter max.	
Brandverhalten	EN 60332-1
Normen	

Technical Data:

Conductor Material	Copper, bare
Conductor class	Class 1
core insulation	PE
core identification	colours: red and green
stranding	cores twisted in layers
outer sheath	special halogen free compound
sheath colour	Black or Blue
rated voltage [V]	max. 100
testing voltage [V]	1500V transmission conductors
conductor resistance	≤ 22 Ω / km transmission conductors
insulation resistance	min. 1 GΩ x km
current carrying capacity	*
min. bending radius fixed [xd]	10xd
min. bending radius moved [xd]	*
working temp fixed min/max [C]	-40° up to + 80°C
working temp moved min/mac [C]	-5°C up to +50°C
temp at conductor max.	*
burning behaviour	EN 60332-1
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 2x1	8.2	4.40	10.20

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