

brand / type: KLOTZ AIS GmbH OmniFIX HS high screen AES/EBU multicore - n x 2 x 0.22 mm² - FRNC - Dca / OX22GHB..

Foil-shielded pairs + a double overall shield (foil + very dense braid) provide maximum shielding. The triple shielding and fulfillment of the flame test according to EN50575 class Dca make this Omnifix multicore for installations a sure thing in two ways. Interference free, low-loss signal transfer and safety in case of fire by selected LSZH materials for pair and outer jacket, which emit in case of fire, no toxic and halogen-containing gases and very little smoke. The foil shields and pair jackets are bonded to each other and can be processed very quickly.

fire performance: CPR class DCA - s2, d2, a1 acc. to EN50575

design

cond. construction	stranded tinned copper, 7 x 0.20 mm
cond. cross section	0.22 mm ²
insulation	Foam-Skin PE, red & blue
pair shielding	stranded tinned copper drain wire + AL/PET foil
pair jacket	LSZH (low smoke zero halogen) numbered, grey
overall shield	AL/PET foil + tinned stranded drain wire + tinned copper
braid (coverage 85%)	
outer jacket	FRNC

mechanics

min. bending radius	10x overall diameter
working temperature	-30°C / +70°C
flame retardancy	acc. to IEC 60332-1-2
halogen-free	acc. to IEC 60754-2
low smoke emission	acc. to CPR class S2

electric

conductor resistance	< 85 Ω/km
capacitance	
cond./cond.	43 pF/m
characteristic impedance	110 Ω
nom. attenuation [dB/100m]	
1 MHz	2.3
3 MHz	3.8
6 MHz	5.3
10 MHz	6.6
crosstalk attenuation	
15 kHz	> 100 dB
10 MHz	> 80 dB
insulation resistance	> 30 GΩ x km
test voltage	
cond./cond.	1200 V
cond./shield	500 V

bestell nr.	OX22GHB08
no. of pairs	8
outer Ø	16.4 mm
heat of combustion	1510 kWh/km
cable color	black
weight	0.37 kg/m

brand / type: KLOTZ AIS GmbH OmniFIX HS high screen AES/EBU multicore - n x 2 x 0.22 mm² - FRNC - Dca / OX22GHB..