

## DATASHEET

### INFRALAN® Cat.7 Installation Cable S/FTP 1000 MHz, FRNC-B



The INFRALAN® installation cable 99980.x is constructed for transmissions up to 1000 MHz and exceeds with the electrical transmission properties and requirements of the category 7 and lower. With this cable transmission rates up to 10 Gigabit Ethernet are without difficulty possible.

<b>Category:</b>	7
<b>Conductor category:</b>	KL.1 = single wire
<b>AWG-size:</b>	23
<b>Diameter conductor:</b>	0.56
<b>Conductor material:</b>	CU, tinned
<b>Screen over stranding:</b>	braiding
<b>Stranding element:</b>	pairs
<b>Screen over stranding element:</b>	foil
<b>Number of cores:</b>	8
<b>Core insulation:</b>	foam-skin PE
<b>Core identification:</b>	colour
<b>Operating temperature, flexible:</b>	0 - 50 °C
<b>Operating temperature, fix:</b>	-20 - 60 °C
<b>NVP value:</b>	79 %
<b>Material outer sheath:</b>	FRNC-B
<b>Flame retardant:</b>	according to EN 60332-1-2
<b>Halogen free (acc. EN 50267-2-2):</b>	True
<b>Low smoke (acc. EN 61034-2):</b>	True