



conductor material: bare copper, fine wire conductors acc. to DIN EN 60228 Kl. 5
insulation: PUR - 11Y acc. to EN 50363-10-1 flame-retardant, halogen free
quality of core surface: matt, adhesion free and printable with special marking technologies

nominal voltage: 600/1000 V
operating temperature: ≤ 1qmm: 300/500 V acc. to HD/EN 21.2
 ≥ 1,5qmm: 600/1000V acc. to HD/EN 21.2

test voltage: ≤ 1qmm: 2000 V
 ≥ 1,5qmm: 3000 V

temperature range: -40 up to +80°C flexible
 -50 up to +90°C fixed

temperature height: up to +130°C for short period
insulation resistance at 20°C: > 10 MΩ x km
max. temperature during a short-circuit: 160°C (5 seconds)

application: This single core is determined for inside cabling of apparatus, switch gears and special vehicles. Also this type can be used for protected laying in lamps and at lamps.

resistance / features:

<ul style="list-style-type: none"> - halogen free acc. to EN 50267-2-1 addition C (IEC 60754-1) - flame protected acc. to IEC60332-1-2 - abrasion resistance acc. to DIN 53616 - cut, tear and tear propagation resistance acc. to DIN 53515 - microbe and rotting resistance acc. to VDE 0472 Teil 704 - hydrolysis resistance acc. to EN 50396-10.2 	<ul style="list-style-type: none"> - oil, fat and wastewater resistance acc. to VDE 0472 part 803/EN50363-10-2 - good weathering resistance - good seawater resistance - ozone resistance acc. to EN 60811-2-1 - UV-resistance - notch resistance
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*The products and information presented here are for technical calculation only.
 They are subject to technical progress and in no way represent the ability of shipment.
 Outer diameters are approximately.*

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²		OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
090100GGF	KENPUR-Litze 1,0	flame-retardant green-yellow	2,6	9,6	15
090100SWF	KENPUR-Litze 1,0	flame-retardant black	2,6	9,6	15
090100BLF	KENPUR-Litze 1,0	flame-retardant blue	2,6	9,6	15
090100BRF	KENPUR-Litze 1,0	flame-retardant brown	2,6	9,6	15
090100RTF	KENPUR-Litze 1,0	flame-retardant red	2,6	9,6	15
090150GGF	KENPUR-Litze 1,5	flame-retardant green-yellow	3,0	14,4	24
090150SWF	KENPUR-Litze 1,5	flame-retardant black	3,0	14,4	24
090150BLF	KENPUR-Litze 1,5	flame-retardant blue	3,0	14,4	24
090150BRF	KENPUR-Litze 1,5	flame-retardant brown	3,0	14,4	24
090150RTF	KENPUR-Litze 1,5	flame-retardant red	3,0	14,4	24
090250GGF	KENPUR-Litze 2,5	flame-retardant green-yellow	3,7	24,0	34
090250SWF	KENPUR-Litze 2,5	flame-retardant black	3,7	24,0	34
090250BLF	KENPUR-Litze 2,5	flame-retardant blue	3,7	24,0	34
090250BRF	KENPUR-Litze 2,5	flame-retardant brown	3,7	24,0	34
090250RTF	KENPUR-Litze 2,5	flame-retardant red	3,7	24,0	34
090400GGF	KENPUR-Litze 4,0	flame-retardant green-yellow	4,3	38,4	55
090400SWF	KENPUR-Litze 4,0	flame-retardant black	4,3	38,4	55
090400BLF	KENPUR-Litze 4,0	flame-retardant blue	4,3	38,4	55
090400BRF	KENPUR-Litze 4,0	flame-retardant brown	4,3	38,4	55
090400RTF	KENPUR-Litze 4,0	flame-retardant red	4,3	38,4	55
090600GGF	KENPUR-Litze 6,0	flame-retardant green-yellow	4,9	58,0	78
090600SWF	KENPUR-Litze 6,0	flame-retardant black	4,9	58,0	78
090600BLF	KENPUR-Litze 6,0	flame-retardant blue	4,9	58,0	78
090600BRF	KENPUR-Litze 6,0	flame-retardant brown	4,9	58,0	78
090600RTF	KENPUR-Litze 6,0	flame-retardant red	4,9	58,0	78
091000GGF	KENPUR-Litze 10	flame-retardant green-yellow	6,4	96,0	123
091000SWF	KENPUR-Litze 10	flame-retardant black	6,4	96,0	123
091000BLF	KENPUR-Litze 10	flame-retardant blue	6,4	96,0	123
091000BRF	KENPUR-Litze 10	flame-retardant brown	6,4	96,0	123
091000RTF	KENPUR-Litze 10	flame-retardant red	6,4	96,0	123
091600GGF	KENPUR-Litze 16	flame-retardant green-yellow	7,5	154,0	191
091600SWF	KENPUR-Litze 16	flame-retardant black	7,5	154,0	191
091600BLF	KENPUR-Litze 16	flame-retardant blue	7,5	154,0	191
091600BRF	KENPUR-Litze 16	flame-retardant brown	7,5	154,0	191
091600RTF	KENPUR-Litze 16	flame-retardant red	7,5	154,0	191
092500GGF	KENPUR-Litze 25	flame-retardant green-yellow	9,3	240,0	285
092500SWF	KENPUR-Litze 25	flame-retardant black	9,3	240,0	285
092500BLF	KENPUR-Litze 25	flame-retardant blue	9,3	240,0	285
092500BRF	KENPUR-Litze 25	flame-retardant brown	9,3	240,0	285
092500RTF	KENPUR-Litze 25	flame-retardant red	9,3	240,0	285

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²		OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
093500GGF	KENPUR-Litze 35	flame-retardant green-yellow	10,2	336,0	409
093500SWF	KENPUR-Litze 35	flame-retardant black	10,2	336,0	409
093500BLF	KENPUR-Litze 35	flame-retardant blue	10,2	336,0	409
093500BRF	KENPUR-Litze 35	flame-retardant brown	10,2	336,0	409
093500RTF	KENPUR-Litze 35	flame-retardant red	10,2	336,0	409
095000GGF	KENPUR-Litze 50	flame-retardant green-yellow	12,4	480,0	690
095000SWF	KENPUR-Litze 50	flame-retardant black	12,4	480,0	690
095000BLF	KENPUR-Litze 50	flame-retardant blue	12,4	480,0	690
095000BRF	KENPUR-Litze 50	flame-retardant brown	12,4	480,0	690
095000RTF	KENPUR-Litze 50	flame-retardant red	12,4	480,0	690
097000GGF	KENPUR-Litze 70	flammwidrig grüngelb	15,2	672,0	740
097000SWF	KENPUR-Litze 70	flammwidrig schwarz	15,2	672,0	740
097000BLF	KENPUR-Litze 70	flammwidrig blau	15,2	672,0	740
097000BRF	KENPUR-Litze 70	flammwidrig braun	15,2	672,0	740
097000RTF	KENPUR-Litze 70	flammwidrig rot	15,2	672,0	740