



conductor material: Cu conductor flex cl. 5 (IEC 60228) finely stranded
insulation: TPE or PP
core identification: acc. to VDE 0293 (IEC 228)
screen: copper braid tinned; coverage ca. 85%
sheathing material: polyurethane HFFR (halogen free and flame retardant),
 matt surface and low adhesion
sheathing colour: grey RAL 7001

operating voltage: ≤ 1qmm: 300 V/ 500 V
 ≥ 1,5qmm: 600 V/ 1000 V
test voltage: ≤ 1qmm: 2000 V/ 50Hz
 ≥ 1,5qmm: 3000 V/ 50Hz
min. bending radius: 15 x D
temperature range, moved: -30 up to +80°C
temperature range, fixed: -40 up to +90°C

flame retardant: acc. to IEC 60332-1

application: The copper braiding of KENPUR® 600C HFFR has been specially development for the use in EMC-critical areas and also improves the mechanical resistance. General applications are: mining and tunnel building, public buildings, switch gears, motor production, machine tool building, machine shops and chemicals industry.

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 and fat resistance acc. VDE 0472 part 803/EN50363-10-2 - good weathering resistance - notch resistance - ozone resistance acc. to EN 60811-2-1 - good UV-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	color code	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
01C05034	KENPUR 600C HFFR 5 x 0,34	DIN 47100	5,5	27,0	54
01C02050	KENPUR 600C HFFR 2 x 0,50	OZ	4,5	21,0	44
01C03050	KENPUR 600C HFFR 3 x 0,50	JZ	4,8	30,0	52
01C04050	KENPUR 600C HFFR 4 x 0,50	JZ	5,4	41,0	74
01C05050	KENPUR 600C HFFR 5 x 0,50	JZ	6,4	50,0	98
01C07050	KENPUR 600C HFFR 7 x 0,50	JZ	6,9	61,0	116
01C12050	KENPUR 600C HFFR 12 x 0,50	JZ	9,0	96,0	180
01C18050	KENPUR 600C HFFR 18 x 0,50	JZ	10,0	144,0	240
01C25050	KENPUR 600C HFFR 25 x 0,50	JZ	12,0	218,0	330
01C02075	KENPUR 600C HFFR 2 x 0,75	OZ	5,8	25,0	52
01C03075	KENPUR 600C HFFR 3 x 0,75	JZ	6,1	37,0	74
01C04075	KENPUR 600C HFFR 4 x 0,75	JZ	6,6	49,0	98
01C05075	KENPUR 600C HFFR 5 x 0,75	JZ	7,4	58,0	116
01C07075	KENPUR 600C HFFR 7 x 0,75	JZ	7,9	79,0	180
01C12075	KENPUR 600C HFFR 12 x 0,75	JZ	10,3	150,0	240
01C18075	KENPUR 600C HFFR 18 x 0,75	JZ	11,6	225,0	330
01C25075	KENPUR 600C HFFR 25 x 0,75	JZ	13,5	300,0	400
01C02100	KENPUR 600C HFFR 2 x 1	OZ	6,1	38,0	42
01C03100	KENPUR 600C HFFR 3 x 1	JZ	6,4	49,0	98
01C04100	KENPUR 600C HFFR 4 x 1	JZ	7,0	61,0	130
01C05100	KENPUR 600C HFFR 5 x 1	JZ	7,8	73,0	155
01C07100	KENPUR 600C HFFR 7 x 1	JZ	8,4	99,0	210
01C12100	KENPUR 600C HFFR 12 x 1	JZ	10,9	153,0	310
01C18100	KENPUR 600C HFFR 18 x 1	JZ	12,2	288,0	365
01C25100	KENPUR 600C HFFR 25 x 1	JZ	15,3	400,0	430
01C34100	KENPUR 600C HFFR 34 x 1	JZ	19,2	544,0	610
01C02150	KENPUR 600C HFFR 2 x 1,5	OZ	6,6	48,0	105
01C03150	KENPUR 600C HFFR 3 x 1,5	JZ	7,0	66,0	135
01C04150	KENPUR 600C HFFR 4 x 1,5	JZ	7,8	82,0	155
01C05150	KENPUR 600C HFFR 5 x 1,5	JZ	8,4	100,0	195
01C07150	KENPUR 600C HFFR 7 x 1,5	JZ	9,1	130,0	210
01C12150	KENPUR 600C HFFR 12 x 1,5	JZ	12,0	215,0	390
01C18150	KENPUR 600C HFFR 18 x 1,5	JZ	13,4	326,0	540
01C25150	KENPUR 600C HFFR 25 x 1,5	JZ	17,4	438,0	640
01C34150	KENPUR 600C HFFR 34 x 1,5	JZ	20,0	588,0	760
01C41150	KENPUR 600C HFFR 41 x 1,5	JZ	22,0	710,0	890
01C03250	KENPUR 600C HFFR 3 x 2,5	JZ	7,6	147,0	155
01C04250	KENPUR 600C HFFR 4 x 2,5	JZ	9,2	175,0	195
01C05250	KENPUR 600C HFFR 5 x 2,5	JZ	11,0	203,0	240
01C07250	KENPUR 600C HFFR 7 x 2,5	JZ	12,1	235,0	390
01C12250	KENPUR 600C HFFR 12 x 2,5	JZ	14,2	320,0	540
01C40000	KENPUR 600C HFFR 4 x 10	JZ	20,8	512,6	750



KENPUR[®] 600C HFFR
TPE(PP)-C-PUR screened control cable
acc. to VDE 0295
