



conductor material:	stranded bare Cu conductor, fine wire
strand structure:	to VDE 0295 class 5 / IEC 60228 class 5
insulation:	halogen-free compound
cores:	black cores with printed consecutive number coding, green-yellow protective conductor (3 cores and over) in the outer layer, special versions without protective conductor: „OZ“, cross-sections 35.0 qmm and over with cores coloured to VDE 0293, cores twisted in layers, with optimal lay lengths
lapping:	with plastic film
screening:	braided screening made of tinned copper wire
outer sheath:	halogen-free compound
sheath colour:	grey RAL 7001
rated voltage U₀/U:	300/500 V
test voltage:	4000 V
bending radius:	15 x cable diameter
temperature range:	-15°C to +70°C -40°C to +70°C
flame retardant:	to IEC 60332.3
halogen-free:	to IEC 60754-1 and IEC 60754-2
special characteristics:	reduced fire propagation, low smoke emission, low fire load, low corrosiveness, recyclable
application:	Halogen-free, flame retardant control cable with overall copper braided screening and enhanced fire protection properties to prevent increased risks of personal injury or equipment damage. Suitable for fixed installation or flexible applications. For unrestricted mobility without forced movement control and without exposure to tensile load. Used as energy or connection cable in dry and damp environments to meet stringent safety requirements. When used for outdoor applications, adequate protection against direct exposure to sunlight must be ensured and the specified temperature limits must be observed. The copper braided screening prevents electrical and magnetic interference of the control cable with the environment and of the environment with the internal cable cores. For indoor use only.

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.

KENFLAM 70C HSLCH-JZ

halogen-free machine control cable with overall copper
braided screening; preferred EMC compatible cable type

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
05102050	KENFLAM 70C 2 x 0,50 OZ	5,7	32,1	46
05103050	KENFLAM 70C 3 x 0,50	6,0	39,2	56
05104050	KENFLAM 70C 4 x 0,50	6,5	46,1	62
05105050	KENFLAM 70C 5 x 0,50	7,0	52,1	75
05107050	KENFLAM 70C 7 x 0,50	7,9	68,3	98
05112050	KENFLAM 70C 12 x 0,50	9,6	117,0	158
05118050	KENFLAM 70C 18 x 0,50	11,2	156,2	216
05125050	KENFLAM 70C 25 x 0,50	13,5	205,5	315
05134050	KENFLAM 70C 34 x 0,50	15,2	279,5	428
05102075	KENFLAM 70C 2 x 0,75 OZ	6,1	39,3	60
05103075	KENFLAM 70C 3 x 0,75	6,4	49,4	68
05104075	KENFLAM 70C 4 x 0,75	6,9	57,2	78
05105075	KENFLAM 70C 5 x 0,75	7,4	69,0	95
05107075	KENFLAM 70C 7 x 0,75	8,6	87,1	130
05112075	KENFLAM 70C 12 x 0,75	10,4	151,2	203
05118075	KENFLAM 70C 18 x 0,75	12,4	207,5	290
05125075	KENFLAM 70C 25 x 0,75	15,1	275,8	413
05134075	KENFLAM 70C 34 x 0,75	17,0	375,1	562
05102100	KENFLAM 70C 2 x 1,00 OZ	6,4	46,3	66
05103100	KENFLAM 70C 3 x 1,00	6,7	56,4	80
05104100	KENFLAM 70C 4 x 1,00	7,3	69,7	100
05105100	KENFLAM 70C 5 x 1,00	7,8	85,4	130
05107100	KENFLAM 70C 7 x 1,00	9,1	107,3	160
05112100	KENFLAM 70C 12 x 1,00	11,2	187,0	260
05118100	KENFLAM 70C 18 x 1,00	13,2	253,5	382
05125100	KENFLAM 70C 25 x 1,00	16,2	342,6	540
05134100	KENFLAM 70C 34 x 1,00	18,0	465,9	734
05102150	KENFLAM 70C 2 x 1,50 OZ	7,0	63,3	88
05103150	KENFLAM 70C 3 x 1,50	7,4	76,2	100
05104150	KENFLAM 70C 4 x 1,50	8,1	96,2	125
05105150	KENFLAM 70C 5 x 1,50	8,9	111,5	158
05107150	KENFLAM 70C 7 x 1,50	10,5	148,0	210
05112150	KENFLAM 70C 12 x 1,50	12,8	254,5	340
05118150	KENFLAM 70C 18 x 1,50	15,2	367,7	480
05125150	KENFLAM 70C 25 x 1,50	18,5	492,4	702
05102250	KENFLAM 70C 2 x 2,50 OZ	8,3	96,4	132
05103250	KENFLAM 70C 3 x 2,50	9,0	148,5	168
05104250	KENFLAM 70C 4 x 2,50	9,8	174,2	195
05105250	KENFLAM 70C 5 x 2,50	10,9	200,8	222
05107250	KENFLAM 70C 7 x 2,50	12,9	235,6	345
05112250	KENFLAM 70C 12 x 2,50	15,9	441,0	572
05118250	KENFLAM 70C 18 x 2,50	18,7	661,5	858

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KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
05102400	KENFLAM 70C 2 x 4,00 OZ	9,8	135,5	184
05103400	KENFLAM 70C 3 x 4,00	10,6	178,1	238
05104400	KENFLAM 70C 4 x 4,00	11,5	220,3	305
05105400	KENFLAM 70C 5 x 4,00	12,7	328,0	388
05107400	KENFLAM 70C 7 x 4,00	14,0	355,2	504
05102600	KENFLAM 70C 2 x 6,00 OZ	11,5	175,3	270
05103600	KENFLAM 70C 3 x 6,00	12,4	240,0	328
05104600	KENFLAM 70C 4 x 6,00	13,8	305,7	416
05105600	KENFLAM 70C 5 x 6,00	15,7	441,8	510
05107600	KENFLAM 70C 7 x 6,00	16,6	506,0	670
05121000	KENFLAM 70C 2 x 10 OZ	14,9	265,2	420
05131000	KENFLAM 70C 3 x 10	15,9	370,5	495
05141000	KENFLAM 70C 4 x 10	17,8	486,0	785
05151000	KENFLAM 70C 5 x 10	19,6	611,2	855
05171000	KENFLAM 70C 7 x 10	21,6	820,5	1308
05141600	KENFLAM 70C 4 x 16	20,8	810,2	882
05151600	KENFLAM 70C 5 x 16	22,9	1050,7	1293
05171600	KENFLAM 70C 7 x 16	25,2	1183,0	2149
05132500	KENFLAM 70C 3 x 25	24,8	792,0	1432
05142500	KENFLAM 70C 4 x 25	26,2	1280,0	1911
05152500	KENFLAM 70C 5 x 25	29,4	1440,0	2414
05133500	KENFLAM 70C 3 x 35 JB	27,9	1110,0	1914
05143500	KENFLAM 70C 4 x 35 JB	30,4	1690,0	2542
05153500	KENFLAM 70C 5 x 35 JB	33,8	1930,0	3180
05135000	KENFLAM 70C 3 x 50 JB	35,7	1584,0	3080
05145000	KENFLAM 70C 4 x 50 JB	39,2	2315,0	3550
05155000	KENFLAM 70C 5 x 50 JB	43,3	2694,0	4753
05137000	KENFLAM 70C 3 x 70 JB	41,4	2218,0	3840
05147000	KENFLAM 70C 4 x 70 JB	45,3	3020,0	4939
05157000	KENFLAM 70C 5 x 70 JB	49,6	3696,0	6572
05139500	KENFLAM 70C 3 x 95 JB	47,7	3010,0	5651
05149500	KENFLAM 70C 4 x 95 JB	52,4	4013,0	6690
05159500	KENFLAM 70C 5 x 95 JB	57,5	5016,0	8370
051312000	KENFLAM 70C 3 x 120 JB	51,0	3802,0	6342
051412000	KENFLAM 70C 4 x 120 JB	56,0	5067,0	8453