



conductor material:	bare copper
conductor construction:	cl.2, 7-wired construction
insulation:	XLPE
stranding unit:	pair
stranding:	pairs in layers
screen over strand:	foil
screen:	plastic coated aluminium foil + solid drain wire
sheathing material:	PVC, enforced
flame retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (cat. c)
permitted outer cable temperature, fixed:	-20°C up to +70°C
bending radius, fixed installation:	7,5 x DA
insulation resistance:	5000 MOhm x km
specific inductivity:	1 mH/km
core identification:	black-white with sequential numbering. Cables 1x3x ...: bk,wh,rd
maximum operating capacity:	120nF/km
peak operating voltage:	300 V
test voltage:	2000 V

application: For data communication with transmission rates up to 200kBit/s in MSR- and EDP systems. Transmission characteristics are guaranteed by high-quality stranding and screening. For fixed installation in dry and damp areas as well as in the ground.

additional information (stranding):

- two cores into pairs (triples)
- pairs/triples stranded in layers

*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
88012130BLFR	RE-2X(St)Yv-fl 1x2x0,5 BL	EN 50288-7	7,3	15,0	70
88012050SWFR	RE-2X(St)Yv-fl 1x2x0,5 SW	EN 50288-7	7,3	15,0	70
88022050BLFR	RE-2X(St)Yv-fl 2x2x0,5 BL	EN 50288-7	9,7	30,0	98
88022050SWFR	RE-2X(St)Yv-fl 2x2x0,5 SW	EN 50288-7	9,7	30,0	98
88042050BLFR	RE-2X(St)Yv-fl 4x2x0,5 BL	EN 50288-7	10,9	44,0	130
88042050SWFR	RE-2X(St)Yv-fl 4x2x0,5 SW	EN 50288-7	10,9	44,0	130
88082050BLFR	RE-2X(St)Yv-fl 8x2x0,5 BL	EN 50288-7	13,3	84,0	210
88082050SWFR	RE-2X(St)Yv-fl 8x2x0,5 SW	EN 50288-7	13,3	84,0	210
88122050BLFR	RE-2X(St)Yv-fl 12x2x0,5 BL	EN 50288-7	15,4	130,0	266
88122050SWFR	RE-2X(St)Yv-fl 12x2x0,5 SW	EN 50288-7	15,4	130,0	266
88162050BLFR	RE-2X(St)Yv-fl 16x2x0,5 BL	EN 50288-7	17,2	163,0	340
88162050SWFR	RE-2X(St)Yv-fl 16x2x0,5 SW	EN 50288-7	17,2	163,0	340
88242050BLFR	RE-2X(St)Yv-fl 24x2x0,5 BL	EN 50288-7	20,1	250,0	455
88242050SWFR	RE-2X(St)Yv-fl 24x2x0,5 SW	EN 50288-7	20,1	250,0	455
88012075BLFR	RE-2X(St)Yv-fl 1x2x0,75 BL	EN 50288-7	7,7	25,0	80
88012075SWFR	RE-2X(St)Yv-fl 1x2x0,75 SW	EN 50288-7	7,7	25,0	80
88022075BLFR	RE-2X(St)Yv-fl 2x2x0,75 BL	EN 50288-7	10,4	47,0	101
88022075SWFR	RE-2X(St)Yv-fl 2x2x0,75 SW	EN 50288-7	10,4	47,0	101
88042075BLFR	RE-2X(St)Yv-fl 4x2x0,75 BL	EN 50288-7	11,7	64,0	160
88042075SWFR	RE-2X(St)Yv-fl 4x2x0,75 SW	EN 50288-7	11,7	64,0	160
88062075BLFR	RE-2X(St)Yv-fl 6x2x0,75 BL	EN 50288-7	13,6	94,0	220
88062075SWFR	RE-2X(St)Yv-fl 6x2x0,75 SW	EN 50288-7	13,6	94,0	220
88082075BLFR	RE-2X(St)Yv-fl 8x2x0,75 BL	EN 50288-7	14,4	125,0	278
88082075SWFR	RE-2X(St)Yv-fl 8x2x0,75 SW	EN 50288-7	14,4	125,0	278
88122075BLFR	RE-2X(St)Yv-fl 12x2x0,75 BL	EN 50288-7	16,8	184,0	344
88122075SWFR	RE-2X(St)Yv-fl 12x2x0,75 SW	EN 50288-7	16,8	184,0	344
88162075BLFR	RE-2X(St)Yv-fl 16x2x0,75 BL	EN 50288-7	18,8	245,0	430
88162075SWFR	RE-2X(St)Yv-fl 16x2x0,75 SW	EN 50288-7	18,8	245,0	430
88202075BLFR	RE-2X(St)Yv-fl 20x2x0,75 BL	EN 50288-7	20,2	308,0	535
88202075SWFR	RE-2X(St)Yv-fl 20x2x0,75 SW	EN 50288-7	20,2	308,0	535
88242075BLFR	RE-2X(St)Yv-fl 24x2x0,75 BL	EN 50288-7	22,1	370,0	610
88242075SWFR	RE-2X(St)Yv-fl 24x2x0,75 SW	EN 50288-7	22,1	370,0	610
88022100SWFR	RE-2X(St)Yv-fl 2x2x1 SW	EN 50288-7	11	46,2	145
88042100SWFR	RE-2X(St)Yv-fl 4x2x1 SW	EN 50288-7	12,5	87,7	200
88062100SWFR	RE-2X(St)Yv-fl 6x2x1 SW	EN 50288-7	14,6	133,1	276
88082100SWFR	RE-2X(St)Yv-fl 8x2x1 SW	EN 50288-7	15,4	167,7	321

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88012130BLFR	RE-2X(St)Yv-fl 1x2x1,3 BL	EN 50288-7	8,4	34,0	102
88012130SWFR	RE-2X(St)Yv-fl 1x2x1,3 SW	EN 50288-7	8,4	34,0	102
88013130BLFR	RE-2X(St)Yv-fl 1x3x1,3 BL	EN 50288-7	10	50,0	110
88013130SWFR	RE-2X(St)Yv-fl 1x3x1,3 SW	EN 50288-7	10	50,0	110
88022130BLFR	RE-2X(St)Yv-fl 2x2x1,3 BL	EN 50288-7	11,6	60,0	125
88022130SWFR	RE-2X(St)Yv-fl 2x2x1,3 SW	EN 50288-7	11,6	60,0	125
88042130BLFR	RE-2X(St)Yv-fl 4x2x1,3 BL	EN 50288-7	13,2	114,0	220
88042130SWFR	RE-2X(St)Yv-fl 4x2x1,3 SW	EN 50288-7	13,2	114,0	220
88062130BLFR	RE-2X(St)Yv-fl 6x2x1,3 BL	EN 50288-7	15,5	173,0	300
88062130SWFR	RE-2X(St)Yv-fl 6x2x1,3 SW	EN 50288-7	15,5	173,0	300
88082130BLFR	RE-2X(St)Yv-fl 8x2x1,3 BL	EN 50288-7	16,4	218,0	360
88082130SWFR	RE-2X(St)Yv-fl 8x2x1,3 SW	EN 50288-7	16,4	218,0	360
88122130BLFR	RE-2X(St)Yv-fl 12x2x1,3 BL	EN 50288-7	19,2	322,0	488
88122130SWFR	RE-2X(St)Yv-fl 12x2x1,3 SW	EN 50288-7	19,2	322,0	488
88162130BLFR	RE-2X(St)Yv-fl 16x2x1,3 BL	EN 50288-7	21,6	426,0	622
88162130SWFR	RE-2X(St)Yv-fl 16x2x1,3 SW	EN 50288-7	21,6	426,0	622
88242130BLFR	RE-2X(St)Yv-fl 24x2x1,3 BL	EN 50288-7	26,1	684,0	912
88242130SWFR	RE-2X(St)Yv-fl 24x2x1,3 SW	EN 50288-7	26,1	684,0	912
88022150SWFR	RE-2X(St)Yv-fl 2x2x1,5 SW	EN 50288-7	12,5	72,1	187
88102150SWFR	RE-2X(St)Yv-fl 10x2x1,5 SW	EN 50288-7	19,5	335,6	526
88142150SWFR	RE-2X(St)Yv-fl 14x2x1,5 SW	EN 50288-7	21,3	467,6	692
88013150SWFR	RE-2X(St)Yv-fl 1x3x1,5 SW	EN 50288-7	9,3	55,0	134
88043150SWFR	RE-2X(St)Yv-fl 4x3x1,5 SW	EN 50288-7	15,3	203,6	342