



conductor material:	bare copper
conductor construction:	cl.2, 7-wired construction
insulation:	XLPE
stranding unit:	pair
stranding:	pairs in layers
screen over strand:	foil
drain wire:	yes
sheathing material:	PVC, enforced
flame retardant:	VDE 0482-266-2-4/IEC 60332-3-24
max. operating temperature, fixed:	-5 - +50 °C
bending radius, fixed installation:	7,5 x DA
insulation resistance:	5000 MOhm _x km
specific inductivity:	1 mH/km
operating capacity:	120 nF/km
nominal voltage U:	300 V
test voltage:	2000 V

Application: For data communication with transmission rates up to 200 kBit/s in MSR- and EDP systems. Transmission characteristics are guaranteed by high-quality stranding and screening. For fixed installation in dry and damp areas, in outdoor and direct burial in earth.

- Stranding:
- two cores twisted into a pair (PiMF-version: pairs in plastic coated Al-foil)
 - pairs stranded in layers

Core identification: black-white with sequential numbering



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.

table: technical data RE-2X(St)Yv FR

p/n	part-name	DA [mm]	G [kg/km]	CU	p/n	part-name	DA [mm]	G [kg/km]	CU
100627	RE-2X(St)Yv FR 01X2X0,5 BL IEC 332-3-24	7,3	70	15	100636	RE-2X(St)Yv FR 16X2X0,5 SW IEC 332-3-24	17,2	340	163
100628	RE-2X(St)Yv FR 01X2X0,5 SW IEC 332-3-24	7,3	70	15	100622	RE-2X(St)Yv FR 24X2X0,5 BL IEC 332-3-24	20,1	455	250
100629	RE-2X(St)Yv FR 02X2X0,5 BL IEC 332-3-24	9,7	98	30	100634	RE-2X(St)Yv FR 24X2X0,5 SW IEC 332-3-24	20,1	455	250
100619	RE-2X(St)Yv FR 02X2X0,5 SW IEC 332-3-24	9,7	98	30	100637	RE-2X(St)Yv FR 01X2X0,75 BL IEC 332-3-24	7,7	80	25
100630	RE-2X(St)Yv FR 04X2X0,5 BL IEC 332-3-24	10,9	130	44	100638	RE-2X(St)Yv FR 01X2X0,75 SW IEC 332-3-24	7,7	80	25
100631	RE-2X(St)Yv FR 04X2X0,5 SW IEC 332-3-24	10,9	130	44	100564	RE-2X(St)Yv FR 02X2X0,75 BL IEC 332-3-24	10,4	101	47
100632	RE-2X(St)Yv FR 08X2X0,5 BL IEC 332-3-24	13,3	210	84	100518	RE-2X(St)Yv FR 02X2X0,75 SW IEC 332-3-24	10,4	101	47
100633	RE-2X(St)Yv FR 08X2X0,5 SW IEC 332-3-24	13,3	210	84	100639	RE-2X(St)Yv FR 04X2X0,75 BL IEC 332-3-24	11,7	160	64
100617	RE-2X(St)Yv FR 12X2X0,5 BL IEC 332-3-24	15,4	266	130					
100623	RE-2X(St)Yv FR 12X2X0,5 SW IEC 332-3-24	15,4	266	130					
100635	RE-2X(St)Yv FR 16X2X0,5 BL IEC 332-3-24	17,2	340	163					

table: technical data RE-2X(St)Yv FR

p/n	part-name	DA [mm]	G [kg/km]	CU
100626	RE-2X(St)Yv FR 04X2X0,75 SW IEC 332-3-24	11,7	160	64
100640	RE-2X(St)Yv FR 06X2X0,75 BL IEC 332-3-24	13,6	220	94
100641	RE-2X(St)Yv FR 06X2X0,75 SW IEC 332-3-24	13,6	220	94
100642	RE-2X(St)Yv FR 08X2X0,75 BL IEC 332-3-24	14,4	278	125
100530	RE-2X(St)Yv FR 08X2X0,75 SW IEC 332-3-24	14,4	278	125
100643	RE-2X(St)Yv FR 12X2X0,75 BL IEC 332-3-24	16,8	344	184
100644	RE-2X(St)Yv FR 12X2X0,75 SW IEC 332-3-24	16,8	344	184
100645	RE-2X(St)Yv FR 16X2X0,75 BL IEC 332-3-24	18,8	430	245
100646	RE-2X(St)Yv FR 16X2X0,75 SW IEC 332-3-24	18,8	430	245
101090	RE-2X(St)Yv FR 20X2X0,75 BL IEC 332-3-24	20,2	535	308
101091	RE-2X(St)Yv FR 20X2X0,75 SW IEC 332-3-24	20,2	535	308
100647	RE-2X(St)Yv FR 24X2X0,75 BL IEC 332-3-24	22,1	610	370
100624	RE-2X(St)Yv FR 24X2X0,75 SW IEC 332-3-24	22,1	610	370
100648	RE-2X(St)Yv FR 36X2X0,75 BL IEC 332-3-24		744	550
100649	RE-2X(St)Yv FR 36X2X0,75 SW IEC 332-3-24		744	550
101097	RE-2X(St)Yv FR 02X2X1 SW IEC 332-3-24	11	145	46,2
101098	RE-2X(St)Yv FR 04X2X1 SW IEC 332-3-24	12,5	200	87,7
101099	RE-2X(St)Yv FR 06X2X1 SW IEC 332-3-24	14,6	276	133,1
101100	RE-2X(St)Yv FR 08X2X1 SW IEC 332-3-24	15,4	321	167,7
100650	RE-2X(St)Yv FR 01X2X1,3 BL IEC 332-3-24	8,4	102	34
100615	RE-2X(St)Yv FR 01X2X1,3 SW IEC 332-3-24	8,4	102	34

p/n	part-name	DA [mm]	G [kg/km]	CU
100651	RE-2X(St)Yv FR 01X3X1,3 BL IEC 332-3-24	10	110	50
100652	RE-2X(St)Yv FR 01X3X1,3 SW IEC 332-3-24	10	110	50
100562	RE-2X(St)Yv FR 02X2X1,3 BL IEC 332-3-24	11,6	125	60
100589	RE-2X(St)Yv FR 02X2X1,3 SW IEC 332-3-24	11,6	125	60
100653	RE-2X(St)Yv FR 04X2X1,3 BL IEC 332-3-24	13,2	220	114
100654	RE-2X(St)Yv FR 04X2X1,3 SW IEC 332-3-24	13,2	220	114
100655	RE-2X(St)Yv FR 06X2X1,3 BL IEC 332-3-24	15,5	300	173
100656	RE-2X(St)Yv FR 06X2X1,3 SW IEC 332-3-24	15,5	300	173
100657	RE-2X(St)Yv FR 08X2X1,3 BL IEC 332-3-24	16,4	360	218
100658	RE-2X(St)Yv FR 08X2X1,3 SW IEC 332-3-24	16,4	360	218
100563	RE-2X(St)Yv FR 12X2X1,3 BL IEC 332-3-24	19,2	488	322
100603	RE-2X(St)Yv FR 12X2X1,3 SW IEC 332-3-24	19,2	488	322
100659	RE-2X(St)Yv FR 16X2X1,3 BL IEC 332-3-24	21,6	622	426
100587	RE-2X(St)Yv FR 16X2X1,3 SW IEC 332-3-24	21,6	622	426
100660	RE-2X(St)Yv FR 24X2X1,3 BL IEC 332-3-24	26,1	912	684
100479	RE-2X(St)Yv FR 24X2X1,3 SW IEC 332-3-24	26,1	912	684
100661	RE-2X(St)Yv FR 36X2X1,3 BL IEC 332-3-24		1310	946
100662	RE-2X(St)Yv FR 36X2X1,3 SW IEC 332-3-24		1310	946
101050	RE-2X(St)Yv FR 02X2X1,5 SW IEC 332-3-24	12,5	187	72,1
101051	RE-2X(St)Yv FR 10X2X1,5 SW IEC 332-3-24	19,5	526	335,6
101052	RE-2X(St)Yv FR 14X2X1,5 SW IEC 332-3-24	21,3	692	467,6
101053	RE-2X(St)Yv FR 01X3X1,5 SW IEC 332-3-24	9,3	134	55
101054	RE-2X(St)Yv FR 04X3X1,5 SW IEC 332-3-24	15,3	342	203,6