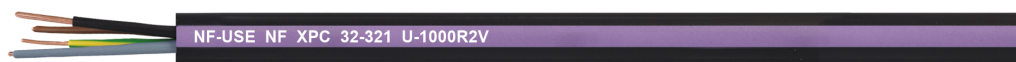


U1000 R2V

rigid industrial power cable, low voltage 0,6/1 kV



Technical data

- XLPE/PVC power cable acc. to NF XPC32-321 / IEC60502-1 / NF EN 60332-1-2 Cat. C2 / NF C 15-100
- **Temperature range**
flexing -10°C to +90°C
fixed installation -25°C to +90°C
- **Nominal voltage**
U₀/U 0,6/1 kV
- **Test voltage**
4000V
- **Minimum bending radius**
fixed 6 x cable Ø

Cable structure

- Bare copper conductor to DIN VDE 0295, BS 6360, IEC 60228
cross section ≤ 4mm² : class 1
cross section > 4mm² : class 2
- Core insulation XLPE
- Core colours
single core : BK
two cores : BL/BR
three cores : BL/BR/BK (1,5 & 2,5 qmm)
- BL/BR/GR or BL/BR & GN/YE (4 qmm)
five cores : BL/BR/BL/GR & GN/YE
- Cores stranded in concentric layers
- PVC sheath / black colour
- With meter marking
- From 2 to 5 cores with coloured stripe qmm:
1,5 PK/2,5 YE/4 VT/6 BL/10 BR/16 GR

Properties

- UV resistant
- Good resistance against chemical agents
- Permissible short circuit temperature (max. 5 seconds) +250°C

Tests

- Flame retardant according to DIN 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2

Note

- G = with GN/YE conductor
x = without GN/YE conductor

Application

Power distribution cables for connections in industrial facilities, for inside and outside use in buildings or high risers. Well suited for high and low operating temperatures. Good resistance to solar radiation (U.V.) and atmospheric chemical agents. Suitable for exposed installation on walls or metal structures, in underground ducts or pipes with good mechanical protection. Submersion in water for more than two months is not recommended. When mechanically protected the cables can also be installed in explosion prone areas - in this case the permitted current load has to be reduced by 15%. **CE** = Product conforms with Low-Voltage Directive 2014/35/EU.

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Copper weight kg / km	Weight app. kg / km	Standard length in metres
19000700	1 x 16	10,5	154,0	206	-
19000701	1 x 25	12,5	240,0	315	-
19000702	1 x 35	13,5	336,0	400	-
19000703	1 x 50	15,0	480,0	530	-
19000704	1 x 70	17,0	672,0	725	-
19000705	1 x 95	19,0	912,0	985	-
19000706	1 x 120	21,0	1152,0	1260	-
19000707	1 x 150	23,0	1440,0	1520	-
19000708	1 x 185	25,5	1776,0	1940	-
19000709	1 x 240	28,5	2304,0	2310	-
19000710	1 x 300	31,0	2880,0	3200	-
19000712	2 x 1,5	10,5	28,8	115	1000
19000786	2 x 1,5	10,5	28,8	115	500
19000787	2 x 1,5	10,5	28,8	115	100
19000713	2 x 2,5	11,5	48,0	145	1000
19000794	2 x 2,5	11,5	48,0	145	500
19000795	2 x 2,5	11,5	48,0	145	100
19000714	2 x 4	13,0	76,8	195	-
19000715	2 x 6	14,0	115,0	265	-
19000716	2 x 10	16,0	192,0	390	-
19000717	2 x 16	18,5	307,0	560	-
19000718	2 x 25	22,0	480,0	850	-
19000719	2 x 35	24,5	672,0	1080	-
19000720	3 G 1,5	11,0	43,0	130	1000
19000788	3 G 1,5	11,0	43,0	130	500
19000789	3 G 1,5	11,0	43,0	130	100
19007895	3 G 1,5	11,0	43,0	130	50
19000721	3 x 1,5	11,0	43,0	130	-
19000722	3 G 2,5	12,5	72,0	170	1000
19000796	3 G 2,5	12,5	72,0	170	500
19000797	3 G 2,5	12,5	72,0	170	100
19007975	3 G 2,5	12,5	72,0	170	50
19000723	3 x 2,5	12,5	72,0	170	-
19000724	3 G 4	13,5	115,0	230	-
19000725	3 G 6	15,0	173,0	325	-
19000726	3 x 6	15,0	173,0	325	-
19000727	3 G 10	17,0	288,0	485	-
19000728	3 x 10	17,0	288,0	485	-
19000729	3 G 16	19,5	461,0	705	-
19000730	3 x 16	19,5	461,0	705	-
19000731	3 G 25	23,5	720,0	1080	-
19000734	4 G 1,5	12,0	58,0	150	1000
19000790	4 G 1,5	12,0	58,0	150	500
19000791	4 G 1,5	12,0	58,0	150	100

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Copper weight kg / km	Weight app. kg / km	Standard length in metres
19007915	4 G 1,5	12,0	58,0	150	50
19000736	4 G 2,5	13,0	96,0	205	1000
19000798	4 G 2,5	13,0	96,0	205	500
19000799	4 G 2,5	13,0	96,0	205	100
19000738	4 G 4	14,5	154,0	280	-
19000739	4 x 4	14,5	154,0	280	-
19000740	4 G 6	16,0	230,0	390	-
19000741	4 x 6	16,0	230,0	390	-
19000742	4 G 10	18,5	384,0	590	-
19000743	4 x 10	18,5	384,0	590	-
19000744	4 G 16	21,0	614,0	870	-
19000745	4 x 16	21,0	614,0	870	-
19000746	4 G 25	25,5	960,0	1365	-
19000747	4 x 25	25,5	960,0	1365	-
19000748	4 G 35	28,5	1344,0	1760	-
19000749	4 x 35	28,5	1344,0	1760	-
19000750	4 G 50	32,5	1920,0	2466	-
19000751	4 x 50	32,5	1920,0	2466	-
19000752	4 G 70	37,5	2688,0	3442	-
19000753	4 x 70	37,5	2688,0	3442	-
19000757	5 G 1,5	13,0	72,0	180	1000
19000792	5 G 1,5	13,0	72,0	180	500
19000793	5 G 1,5	13,0	72,0	180	100
19007935	5 G 1,5	13,0	72,0	180	50
19000758	5 G 2,5	14,5	120,0	240	1000
19000800	5 G 2,5	14,5	120,0	240	500
19000801	5 G 2,5	14,5	120,0	240	100
19000759	5 G 4	16,0	192,0	335	-
19000760	5 G 6	17,5	288,0	475	-
19000761	5 G 10	20,0	480,0	720	-
19000762	5 G 16	23,0	768,0	1060	-
19000763	5 G 25	28,0	1200,0	1645	-
19000764	5 G 35	30,5	1680,0	2165	-
19000765	5 G 50	34,0	2300,0	2850	-
19000774	7 G 1,5	13,5	101,0	220	-
19000775	7 G 2,5	15,0	168,0	310	-
19000776	12 G 1,5	17,0	173,0	370	-
19000777	12 G 2,5	19,5	288,0	525	-
19000778	19 G 1,5	19,5	274,0	560	-
19000779	19 G 2,5	22,5	456,0	745	-
19000780	24 G 1,5	22,5	246,0	710	-
19000782	27 G 1,5	23,5	289,0	700	-
19000784	37 G 1,5	25,5	533,0	972	-

Dimensions and specifications may be changed without prior notice.