



STANDARDS

Product NF C32-322/A1

APPLICATION

These U-1000 RVFV cables are suitable for direct burial without additional protection or for installation on cables trays or in ducts where mechanical protection is necessary (bursting risk).

ASSEMBLY AND INSTALLATION

Assembly

Cores stranded with filler.

Installation

Buried directly in the ground.

Outside on cable trays, within conduits or fixed to walls.

CHARACTERISTICS

Construction characteristics

Armour type	Two steel tapes
Conductor material	Bare copper
Conductor shape	Circular
Inner sheath	PVC watertight sheath
Insulation	XLPE (chemical)
Material of filler / inner sheath	PVC
Outer sheath	PVC
Sheath colour	Black

Electrical characteristics

Rated Voltage U _o /U (U _m)	0,6/1 kV
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Mechanical characteristics

Mechanical resistance to impacts	Excellent
Cable flexibility	Rigid

Usage characteristics

Short-circuit max. conductor temperature	250 °C
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Rated Voltage U_o/U (U_m)
0,6/1 kV



Mechanical resistance to impacts
Excellent



Cable flexibility
Rigid



Operating temp.
-10 ... 60 °C



Flame retardant
C2, NF C 32-070



Weather resistance
Very good



Chemical resistance
Accidental



Water proof
Intermittent

Usage characteristics

Operating temperature, range	-10 ... 60 °C
Flame retardant	C2, NF C 32-070
Weather resistance	Very good
Chemical resistance	Accidental
Water proof	Intermittent
Bending factor when laying	8 (xD)
Packaging	Drum

TECHNICAL DATA

Nexans Ref.	Name	Nb. of cores	Cross section [mm ²]	Approx. weight [kg/km]	Max. outer diam. [mm]	Current rating, buried [A]	Voltage drop, single phase [V/A.km]	Length [m]
56902211000	CABLE U1000 RVFV 2X1.5	2	1.5	217	13.0	37	23.7	1000
56902213700	CABLE U1000 RVFV 2X2.5	2	2.5	250	14.0	48	14.3	1000
56902215500	CABLE U1000 RVFV 2X4	2	4	320	15.5	63	12.0	1000
56902247300	CABLE U1000 RVFV 2X6	2	6	400	16.5	80	6.1	1000
56902250600	CABLE U1000 RVFV 2X10	2	10	530	18.5	104	3.7	1000
56902252300	CABLE U1000 RVFV 2X16	2	16	720	20.5	136	2.3	1000
56902256600	CABLE U1000 RVFV 2X25	2	25	1110	23.5	173	1.6	1000
56902259600	CABLE U1000 RVFV 2X35	2	35	1415	26.5	195	1.15	1000
56902261000	U1000 RVFV 2x50	2	50	1602	27.1	204	0.75	1000
56902311800	CABLE U1000 RVFV 3X1.5	3	1.5	256	13.5	29	21.5	1000
56902311821	U1000 RVFV 3G1.5	3	1.5	256	13.5	29	21.5	1000
56902313600	CABLE U1000 RVFV 3X2,5	3	2.5	282	14.5	41	12.4	1000
56902313621	U1000 RVFV 3G2,5	3	2.5	282	14.5	41	12.4	1000
56902315421	CABLE U1000 RVFV 3X4	3	4	360	16.0	53	7.8	1000



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56902347500	CABLE U1000 RVFV 3X6	3	6	460	17.5	66	5.3	1000
56902350000	CABLE U1000 RVFV 3X10	3	10	630	19.0	87	3.2	1000
56902352600	CABLE U1000 RVFV 3X16	3	16	875	22.0	43	2.0	1000
56902356000	CABLE U1000 RVFV 3X25	3	25	1340	25.0	144	1.4	1000
56902359000	CABLE U1000 RVFV 3X35	3	35	1740	28.0	174	1.0	1000
56902361400	CABLE U1000 RVFV 3X50	3	50	2180	32.0	206	0.78	1000
56902364700	CABLE U1000 RVFV 3X70	3	70	3050	37.0	252	0.54	1000
56902367100	CABLE U1000 RVFV 3X95	3	95	4416	43.0	302	0.41	1000
56902369000	CABLE U1000 RVFV 3X120	3	120	5352	47.0	345	0.34	1000
56902371500	CABLE U1000 RVFV 3X150	3	150	6463	52.5	386	0.29	1000
56902372100	CABLE U1000 RVFV 3X185	3	185	7837	57.5	435	0.25	1000
56902375700	CABLE U1000 RVFV 3X240	3	240	10093	65.0	504	0.21	1000
56902411700	CABLE U1000 RVFV 4X1,5	4	1.5	260	14.5	31	20.5	1000
56902413500	CABLE U1000 RVFV 4X2,5	4	2.5	330	15.5	41	12.4	1000
56902413521	U1000 RVFV 4G2,5	4	2.5	330	15.5	41	12.4	1000
56902415300	CABLE U1000 RVFV 4X4	4	4	420	17.0	53	7.8	1000
56902447700	CABLE U1000 RVFV 4X6	4	6	540	18.5	66	5.3	1000
56902450300	CABLE U1000 RVFV 4X10	4	10	742	20.5	87	3.2	1000
56902452021	CABLE U1000 RVFV 4X16	4	16	1070	23.5	113	2.0	1000
56902456300	CABLE U1000 RVFV 4X25	4	25	1635	27.0	144	1.4	1000



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56902007100	U1000 RVFV 3x35+16	4	35	1705	26.3	170	1.0	500
56902459300	CABLE U1000 RVFV 4X35	4	35	2140	31.5	174	1.0	1000
56902012100	CABLE U1000 RVFV 3X50+35	4	50	2550	34.5	206	0.78	1000
56902461800	CABLE U1000 RVFV 4X50	4	50	2700	35.5	206	0.78	1000
56902015700	U1000 RVFV 3x70+35	4	70	3102	35.0	252	0.54	1000
56902016600	CABLE U1000 RVFV 3X70+50	4	70	3520	40.0	254	0.57	1000
56902464200	CABLE U1000 RVFV 4X70	4	70	4303	42.5	254	0.54	1000
56902017500	CABLE U1000 RVFV 3X95+50	4	95	5090	45.0	301	0.44	1000
56902467500	CABLE U1000 RVFV 4X95	4	95	5400	47.5	301	0.43	1000
56902018400	CABLE U1000 RVFV 3X120+70	4	120	6150	50.0	343	0.36	1000
56902469400	CABLE U1000 RVFV 4X120	4	120	6673	52.5	345	0.35	1000
56902019300	CABLE U1000 RVFV 3X150+70	4	150	7145	54.0	387	0.31	1000
56902471000	CABLE U1000 RVFV 4X150	4	150	8114	58.0	386	0.31	1000
56902020000	U1000 RVFV 3x185+70	4	185	7875	52.5	435	0.25	500
56902022000	U1000 RVFV 3x240+95	4	240	10121	58.7	504	0.21	400
56902475300	CABLE U1000 RVFV 4X240	4	240	12699	72.0	504	0.22	1000
56902511621	CABLE U1000 RVFV 5X1,5	5	1.5	305	15.5	31	20.5	1000
56902513421	CABLE U1000 RVFV 5X2.5	5	2.5	380	17.0	41	12.4	1000
56902515221	CABLE U1000 RVFV 5X4	5	4	491	18.5	53	7.8	1000
56902547021	CABLE U1000 RVFV 5X6	5	6	645	20.5	66	5.3	1000



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56902550621	CABLE U1000 RVFV 5X10	5	10	890	22.5	87	3.2	1000
56902552321	CABLE U1000 RVFV 5X16	5	16	1280	26.0	113	2.0	1000
56902556600	CABLE U1000 RVFV 5X25	5	25	1945	31.0	144	1.4	1000
56902560121	U1000 RVFV 5G35	5	35	2360	30.9	170	1.0	1000



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