

U-1000 RVFV – XAV XLPE PVC 0.6–1kV Cable



APPLICATION

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

CHARACTERISTICS

Voltage Rating U_0/U
 0.6/1kV
 Temperature Rating
 -10°C to +90°C

STANDARDS

NF C 32-322
 Flame Retardant according to NF C 32-070 C2,
 IEC 60332-1-2

THE CABLE TEST

We have world-class testing facility, and made rigorous testing regime, every meter of cable before leaving the factory must go through strict testing, testing qualified products will be shipped to customers, effectively ensure product quality and meet customer requirements.

THE CABLE LAB® AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.

SUSTAINABILITY COMMITMENT

Guowang Cable actively implements the "carbon reduction" goal, strives to promote the green's low-carbon transformation, strengthens energy-saving and emission reduction technology innovation, and promotes the company's healthy and sustainable development.

CONSTRUCTION

Conductor
 1.5mm² to 4mm²: Class 1 solid copper conductor*
 6mm² and above: Class 2 stranded copper conductor *Class 2 stranded conductor available for these sizes on request

Insulation
 XLPE (Cross-Linked Polyethylene)

Inner Sheath
 PVC (Polyvinyl Chloride)

Armour
 Two steel tapes

Sheath
 PVC (Polyvinyl Chloride)

Core Identification
 2 core: Blue Brown
 3 core: Black Brown Grey
 3 core including earth: Blue Brown Green/Yellow

Sheath Colour
 Black
 Other colours available on request

DIMENSIONS

NO. OF CORE	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A9RVFV20015	2	1.5	13	215
A9RVFV20025	2	2.5	14	249
A9RVFV20040	2	4	15.5	309
A9RVFV20060	2	6	16.5	386
A9RVFV2010	2	10	18.5	515
A9RVFV2016	2	16	20.5	709
A9RVFV2025	2	25	23.5	1063
A9RVFV30025	3	2.5	14.5	274
A9RVFV30040	3	4	16	352
A9RVFV30060	3	6	17.5	447
A9RVFV3010	3	10	19	624
A9RVFV3016	3	16	22	849
A9RVFV3025	3	25	25	1273
A9RVFV3035	3	35	32.5	1644
A9RVFV3050	3	50	37.5	2107
A9RVFV3070	3	70	35	2862
A9RVFV3095	3	95	40	4190
A9RVFV3120	3	120	45	5176
A9RVFV3150	3	150	50	6303
A9RVFV3185	3	185	54	7698
A9RVFV3240	3	240	63	9814
A9RVFV3050N	3	50	34.5	2560
A9RVFV3070N	3	70	40	3492
A9RVFV3095N	3	95	45	4790
A9RVFV3120N	3	120	50	5951
A9RVFV3150N	3	150	54	7090
A9RVFV50015	5	1.5	15.5	301
A9RVFV50025	5	2.5	17	373
A9RVFV50040	5	4	18.5	480
A9RVFV50060	5	6	20.5	638
A9RVFV5010	5	10	22.5	900
A9RVFV5016	5	16	26	1250
A9RVFV5025	5	25	31	1903
A9RVFV5035	5	35	32	2455

ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm ²	PERMISSIBLE CURRENT RATING WHEN BURIED Amps		
	2 core	3 core	5 core
1.5	37	–	31
2.5	48	41	41
4	63	53	53
6	80	66	66
10	104	87	87
16	136	113	113
25	173	144	144
35	–	174	170
50	–	206	–
70	–	254	–
95	–	301	–
120	–	343	–
150	–	387	–
185	–	434	–
240	–	501	–

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.