

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 CRTL 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 CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
2	1.5	13	215
2	2.5	14	249
2	4	15.5	309
2	6	16.5	386
2	10	18.5	515
2	16	20.5	709
2	25	23.5	1063
3	2.5	14.5	274
3	4	16	352
3	6	17.5	447
3	10	19	624
3	16	22	849
3	25	25	1273
3	35	32.5	1644
3	50	37.5	2107
3	70	35	2862
3	95	40	4190
3	120	45	5176
3	150	50	6303
3	185	54	7698
3	240	63	9814
3	50	34.5	2560
3	70	40	3492
3	95	45	4790
3	120	50	5951
3	150	54	7090
5	1.5	15.5	301
5	2.5	17	373
5	4	18.5	480
5	6	20.5	638
5	10	22.5	900
5	16	26	1250
5	25	31	1903
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.