

CU PVC ICTS PVC Instrument Cable



APPLICATION

This product is suitable for signal transmission of electronic computer systems, monitoring loops, and automated control systems in lines with AC 50Hz and rated voltage 0.3/0.5kV, as well as connecting wires for testing instruments and meters. It can be widely used in computer systems or automation devices for detection and control in power generation, metallurgy, petroleum, chemical industry, textile and other departments, as well as general industrial computers.

CHARACTERISTICS

Voltage Rating U_0/U
 300/500V

Operating Temperature
 -10°C to +70°C

STANDARDS

IEC 60227, IEC 60228, IEC 60811, 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.

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
 Copper conductor

Insulation
 PVC (Polyvinyl Chloride)

Individual Shield
 Copper Tape Shield

Outer Sheath
 PVC (Polyvinyl Chloride)

Core Identification
 2 core cabling components: blue white
 3 core cabling components: blue white red
 4 core cabling components: Blue white green red

Sheath Colour
 Black

DIMENSIONS

CORSS SECTIONAL AREA	CONDUCTOR	CORE DIAMETER	INSULATION THICKNESS	GROUP TAPE	SPLIT SCREEN	BELT	SHEATH	OVERALL DIAMATER	WEIGHT	DC RESISTANCE
mm2		mm2	mm	mm	mm	mm	mm	mm	kg/km	ohm/km
1×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×10×0.05	1	6.5	58.5	36
1×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×10×0.05	1	6.9	67.3	24.5
1×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×10×0.05	1	7.1	74.8	18.1
1×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×10×0.05	1	8.1	97	12.1
1×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×15×0.05	1.1	9.1	129.7	7.41
2×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×15×0.05	1.1	10.4	131.1	36
2×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×20×0.05	1.1	11.1	151	24.5
2×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×20×0.05	1.1	11.5	167.6	18.1
2×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×25×0.05	1.2	13.5	225.2	12.1
2×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×25×0.05	1.2	14.9	288.8	7.41
3×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×20×0.05	1.1	11	164.2	36
3×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×20×0.05	1.1	11.8	190.8	24.5
3×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×20×0.05	1.1	12.2	213.5	18.1
3×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×25×0.05	1.2	14.3	286.6	12.1
3×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×30×0.05	1.2	15.8	372.7	7.41
4×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×20×0.05	1.1	12.1	204	36
4×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×20×0.05	1.2	13.1	243.6	24.5
4×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×25×0.05	1.2	13.6	273.6	18.1
4×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×30×0.05	1.2	15.7	359	12.1
4×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×30×0.05	1.3	17.6	478.7	7.41
5×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×25×0.05	1.2	13.4	252	36
5×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×25×0.05	1.2	14.4	294.2	24.5
5×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×25×0.05	1.2	14.9	331	18.1
5×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×30×0.05	1.3	17.5	444.6	12.1
5×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×35×0.05	1.3	19.4	583.5	7.41
6×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×25×0.05	1.2	14.6	296.4	36
6×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×30×0.05	1.2	15.7	346.9	24.5
6×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×30×0.05	1.2	16.2	390.5	18.1
6×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×35×0.05	1.3	19.1	525.9	12.1
6×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×40×0.05	1.3	21.2	692.3	7.41
7×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×25×0.05	1.2	14.6	319.7	36
7×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×30×0.05	1.2	15.7	374.8	24.5
7×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×30×0.05	1.2	16.2	423.8	18.1
7×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×35×0.05	1.3	19.1	569.7	12.1
7×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×40×0.05	1.3	21.2	754.1	7.41
8×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×30×0.05	1.2	15.8	359.9	36
8×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×30×0.05	1.3	17.2	430.4	24.5
8×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×30×0.05	1.3	17.8	486.7	18.1
8×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×40×0.05	1.4	20.9	652.5	12.1
8×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×45×0.05	1.4	23.3	863.7	7.41
9×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×30×0.05	1.3	17.6	412.9	36
9×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×35×0.05	1.3	18.9	483.5	24.5
9×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×35×0.05	1.3	19.6	547.2	18.1
9×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×40×0.05	1.4	23.1	734.4	12.1
9×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×50×0.05	1.5	25.9	984.1	7.41

DIMENSIONS

CORSS SECTIONAL AREA	CONDUCTOR	CORE DIAMETER	INSULATION THICKNESS	GROUP TAPE	SPLIT SCREEN	BELT	SHEATH	OVERALL DIAMATER	WEIGHT	DC RESISTANCE
mm2		mm2	mm	mm	mm	mm	mm	mm	kg/km	ohm/km
10×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×35×0.05	1.3	18.8	458.3	36
10×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×35×0.05	1.3	20.2	537.3	24.5
10×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×40×0.05	1.3	21	608.5	18.1
10×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×45×0.05	1.4	24.7	817.2	12.1
10×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×50×0.05	1.5	27.8	1096.4	7.41
12×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×35×0.05	1.3	19.4	506.9	36
12×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×40×0.05	1.3	20.9	595.5	24.5
12×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×40×0.05	1.4	21.9	687.6	18.1
12×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×45×0.05	1.4	25.6	907.4	12.1
12×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×55×0.05	1.5	28.7	1221.9	7.41
14×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×35×0.05	1.3	20.5	578.6	36
14×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×40×0.05	1.4	22.2	690.8	24.5
14×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×40×0.05	1.4	23	785.7	18.1
14×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×50×0.05	1.5	27.2	1052.6	12.1
14×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×55×0.05	1.6	30.5	1417.5	7.41
16×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×40×0.05	1.4	21.8	660.6	36
16×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×45×0.05	1.4	23.5	777.5	24.5
16×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×45×0.05	1.4	24.3	885.2	18.1
16×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×55×0.05	1.5	28.7	1186.4	12.1
16×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.6	32.3	1601.2	7.41
18×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×40×0.05	1.4	23	733.5	36
18×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×45×0.05	1.4	24.8	864.3	24.5
18×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×50×0.05	1.4	25.7	985.4	18.1
18×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×55×0.05	1.6	30.5	1335.3	12.1
18×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.6	34.1	1784.8	7.41
19×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×40×0.05	1.4	23	765.7	36
19×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×45×0.05	1.4	24.8	903	24.5
19×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×50×0.05	1.4	25.7	1030.5	18.1
19×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×55×0.05	1.6	30.5	1396.5	12.1
19×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.6	34.1	1869.3	7.41
20×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×45×0.05	1.4	23.6	802.2	36
20×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×45×0.05	1.5	25.7	958.8	24.5
20×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×50×0.05	1.5	26.6	1093.1	18.1
20×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×60×0.05	1.6	31.4	1465	12.1
20×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.7	35.3	1978.6	7.41
22×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×50×0.05	1.4	25.8	882.3	36
22×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×50×0.05	1.5	28.1	1054.6	24.5
22×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×55×0.05	1.5	29.1	1202.4	18.1
22×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×60×0.05	1.6	34.3	1611	12.1
22×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.7	38.6	2176	7.41
24×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×50×0.05	1.5	27.2	968.1	36
24×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×55×0.05	1.5	29.4	1142	24.5
24×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×55×0.05	1.6	30.6	1316.9	18.1
24×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×60×0.05	1.7	36.2	1764.2	12.1
24×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.8	40.6	2379.6	7.41

DIMENSIONS

CORSS SECTIONAL AREA	CONDUCTOR	CORE DIAMETER	INSULATION THICKNESS	GROUP TAPE	SPLIT SCREEN	BELT	SHEATH	OVERALL DIAMATER	WEIGHT	DC RESISTANCE
mm2		mm2	mm	mm	mm	mm	mm	mm	kg/km	ohm/km
26×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×50×0.05	1.5	27.8	1037	36
26×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×55×0.05	1.5	30	1224	24.5
26×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×60×0.05	1.6	31.3	1412.7	18.1
26×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×60×0.05	1.7	37	1893.4	12.1
26×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.8	41.6	2557.7	7.41
28×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×55×0.05	1.5	28.9	1109.7	36
28×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×60×0.05	1.6	31.4	1325.4	24.5
28×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×60×0.05	1.6	32.5	1512.6	18.1
28×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×60×0.05	1.7	38.4	2027.8	12.1
28×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.9	43.4	2761.7	7.41
32×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×55×0.05	1.5	30	1246.8	36
32×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×60×0.05	1.6	32.6	1490	24.5
32×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×60×0.05	1.6	33.8	1703.5	18.1
32×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×60×0.05	1.8	40.2	2305.1	12.1
32×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.9	45.1	3115.9	7.41
34×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×60×0.05	1.6	31.4	1335.1	36
34×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×60×0.05	1.6	33.9	1578	24.5
34×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×60×0.05	1.7	35.4	1821.7	18.1
34×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×60×0.05	1.8	41.8	2442	12.1
34×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.9	47	3303.1	7.41
36×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×60×0.05	1.6	31.4	1399.4	36
36×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×60×0.05	1.6	33.9	1655.4	24.5
36×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×60×0.05	1.7	35.4	1911.8	18.1
36×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×60×0.05	1.8	41.8	2564.3	12.1
36×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.9	47	3472.1	7.41
38×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×60×0.05	1.6	32.6	1473.5	36
38×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×60×0.05	1.7	35.4	1760	24.5
38×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×60×0.05	1.7	36.7	2013.2	18.1
38×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×60×0.05	1.9	43.6	2721.7	12.1
38×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	2	49	3681.4	7.41
40×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×60×0.05	1.6	35.4	1560.6	36
40×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×60×0.05	1.7	38.5	1864.1	24.5
40×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×60×0.05	1.7	39.9	2130.9	18.1
40×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×60×0.05	1.9	47.4	2880.3	12.1
40×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	2	53.3	3893.5	7.41
42×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×60×0.05	1.6	35.4	1624.9	36
42×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×60×0.05	1.7	38.5	1941.5	24.5
42×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×60×0.05	1.7	39.9	2221	18.1
42×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×60×0.05	1.9	47.4	3002.7	12.1
42×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	2	53.3	4062.5	7.41
44×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×60×0.05	1.7	35.6	1706	36
44×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×60×0.05	1.7	38.5	2018.9	24.5
44×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×60×0.05	1.8	40.1	2330	18.1
44×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×60×0.05	2	47.6	3147.4	12.1
44×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	2.1	53.5	4256.7	7.41

DIMENSIONS

CORSS SECTIONAL AREA	CONDUCTOR	CORE DIAMETER	INSULATION THICKNESS	GROUP TAPE	SPLIT SCREEN	BELT	SHEATH	OVERALL DIAMATER	WEIGHT	DC RESISTANCE
mm2		mm2	mm	mm	mm	mm	mm	mm	kg/km	ohm/km
46×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×60×0.05	1.7	36.3	1776.3	36
46×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×60×0.05	1.7	39.2	2102.3	24.5
46×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×60×0.05	1.8	40.8	2426.5	18.1
46×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×60×0.05	2	48.5	3278.7	12.1
46×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	2.1	54.5	4436.2	7.41
48×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×60×0.05	1.7	36.3	1840.6	36
48×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×60×0.05	1.8	39.4	2198.3	24.5
48×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×60×0.05	1.8	40.8	2516.6	18.1
48×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×60×0.05	2	48.5	3401	12.1
48×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	2.1	54.5	4605.2	7.41
50×2×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×60×0.05	1.7	37.3	1913.6	36
50×2×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×60×0.05	1.8	40.5	2285.7	24.5
50×2×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×60×0.05	1.8	42	2617.7	18.1
50×2×1.5	1/1.38	1.38	0.7	10×0.05	10×0.05	2×60×0.05	2	49.9	3537.4	12.1
50×2×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	2.2	56.3	4817.5	7.41
1×3×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×10×0.05	1	6.8	68.5	36
1×3×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×10×0.05	1	7.2	79.8	24.5
1×3×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×10×0.05	1	7.5	90.8	18.1
1×3×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×15×0.05	1.1	8.7	123.1	12.1
1×3×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×15×0.05	1.1	9.6	162.6	7.41
2×3×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×20×0.05	1.1	11.4	157.9	36
2×3×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×20×0.05	1.1	12.2	184	24.5
2×3×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×20×0.05	1.2	12.9	214.5	18.1
2×3×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×25×0.05	1.2	14.8	280.9	12.1
2×3×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×30×0.05	1.2	16.5	369.6	7.41
3×3×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×20×0.05	1.1	12.1	200.8	36
3×3×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×20×0.05	1.2	13.1	241.6	24.5
3×3×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×25×0.05	1.2	13.7	276.1	18.1
3×3×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×30×0.05	1.2	15.8	364.6	12.1
3×3×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×30×0.05	1.3	17.8	494.5	7.41
4×3×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×25×0.05	1.2	13.5	257.2	36
4×3×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×25×0.05	1.2	14.4	302.4	24.5
4×3×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×25×0.05	1.2	15.1	347.2	18.1
4×3×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×30×0.05	1.3	17.5	468	12.1
4×3×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×35×0.05	1.3	19.6	627.5	7.41
5×3×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×25×0.05	1.2	14.8	310.6	36
5×3×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×30×0.05	1.2	15.8	366.4	24.5
5×3×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×30×0.05	1.2	16.6	422	18.1
5×3×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×35×0.05	1.3	19.3	570.3	12.1
5×3×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×40×0.05	1.4	21.8	777.6	7.41
6×3×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×30×0.05	1.2	16.1	366	36
6×3×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×30×0.05	1.3	17.5	441.4	24.5
6×3×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×35×0.05	1.3	18.3	507.8	18.1
6×3×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×40×0.05	1.3	21.1	676.1	12.1
6×3×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×45×0.05	1.4	23.9	924	7.41

DIMENSIONS

CORSS SECTIONAL AREA	CONDUCTOR	CORE DIAMETER	INSULATION THICKNESS	GROUP TAPE	SPLIT SCREEN	BELT	SHEATH	OVERALL DIAMATER	WEIGHT	DC RESISTANCE
mm2		mm2	mm	mm	mm	mm	mm	mm	kg/km	ohm/km
7×3×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×30×0.05	1.2	16.1	397.3	36
7×3×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×30×0.05	1.3	17.5	480	24.5
7×3×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×35×0.05	1.3	18.3	554.3	18.1
7×3×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×40×0.05	1.3	21.1	739.1	12.1
7×3×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×45×0.05	1.4	23.9	1014.7	7.41
8×3×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×30×0.05	1.3	17.7	456.7	36
8×3×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×35×0.05	1.3	18.9	541	24.5
8×3×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×35×0.05	1.3	19.9	626.3	18.1
8×3×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×40×0.05	1.4	23.2	846.9	12.1
8×3×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×50×0.05	1.5	26.2	1160.7	7.41
9×3×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×35×0.05	1.3	19.5	513.3	36
9×3×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×40×0.05	1.4	21.1	618.6	24.5
9×3×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×40×0.05	1.4	22.1	714.4	18.1
9×3×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×45×0.05	1.5	25.8	964.9	12.1
9×3×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×55×0.05	1.5	28.9	1305.9	7.41
10×3×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×40×0.05	1.3	20.8	569.7	36
10×3×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×40×0.05	1.4	22.6	687.4	24.5
10×3×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×45×0.05	1.4	23.7	794.4	18.1
10×3×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×50×0.05	1.5	27.6	1073.3	12.1
10×3×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.6	31.2	1469.1	7.41
12×3×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×40×0.05	1.4	21.7	645.1	36
12×3×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×45×0.05	1.4	23.3	766.9	24.5
12×3×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×45×0.05	1.4	24.5	890.2	18.1
12×3×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×55×0.05	1.5	28.6	1202.6	12.1
12×3×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.6	32.3	1653.5	7.41
14×3×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×40×0.05	1.4	22.9	737.1	36
14×3×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×45×0.05	1.4	24.6	878	24.5
14×3×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×50×0.05	1.5	26	1032.5	18.1
14×3×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×55×0.05	1.6	30.4	1395.1	12.1
14×3×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.6	34.1	1902.2	7.41
16×3×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×45×0.05	1.4	24.2	829.7	36
16×3×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×50×0.05	1.5	26.2	1002	24.5
16×3×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×50×0.05	1.5	27.5	1164.8	18.1
16×3×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×60×0.05	1.6	32.1	1574.9	12.1
16×3×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.7	36.3	2169.7	7.41
18×3×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×45×0.05	1.4	25.6	923.1	36
18×3×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×50×0.05	1.5	27.6	1114.5	24.5
18×3×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×55×0.05	1.5	29.1	1297.9	18.1
18×3×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×60×0.05	1.6	34	1756.3	12.1
18×3×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.7	38.4	2421.8	7.41
19×3×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×45×0.05	1.4	25.6	964.8	36
19×3×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×50×0.05	1.5	27.6	1165.3	24.5
19×3×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×55×0.05	1.5	29.1	1358.3	18.1
19×3×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×60×0.05	1.6	34	1839.2	12.1
19×3×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.7	38.4	2538.9	7.41

DIMENSIONS

CORSS SECTIONAL AREA	CONDUCTOR	CORE DIAMETER	INSULATION THICKNESS	GROUP TAPE	SPLIT SCREEN	BELT	SHEATH	OVERALL DIAMATER	WEIGHT	DC RESISTANCE
mm2		mm2	mm	mm	mm	mm	mm	mm	kg/km	ohm/km
20×3×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×50×0.05	1.5	26.5	1023.9	36
20×3×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×55×0.05	1.5	28.4	1222.3	24.5
20×3×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×55×0.05	1.6	30	1438.1	18.1
20×3×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×60×0.05	1.7	35.1	1946	12.1
20×3×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.8	39.7	2684	7.41
22×3×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×55×0.05	1.5	28.9	1125.6	36
22×3×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×60×0.05	1.6	31.3	1359.4	24.5
22×3×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×60×0.05	1.6	32.9	1582.5	18.1
22×3×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×60×0.05	1.7	38.4	2140.4	12.1
22×3×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.9	43.6	2972.2	7.41
24×3×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×55×0.05	1.5	30.3	1219.7	36
24×3×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×60×0.05	1.6	32.7	1472.5	24.5
24×3×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×60×0.05	1.6	34.4	1715.5	18.1
24×3×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×60×0.05	1.8	40.5	2341.7	12.1
24×3×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.9	45.7	3226.4	7.41
1×4×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×10×0.05	1	7.3	80.8	36
1×4×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×10×0.05	1	7.8	95.6	24.5
1×4×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×10×0.05	1	8.1	109.5	18.1
1×4×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×15×0.05	1.1	9.5	150.2	12.1
1×4×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×15×0.05	1.1	10.4	200.2	7.41
2×4×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×20×0.05	1.2	13.2	197.5	36
2×4×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×25×0.05	1.2	14.2	232.3	24.5
2×4×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×25×0.05	1.2	14.8	263.7	18.1
2×4×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×30×0.05	1.3	17.4	358.9	12.1
2×4×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×35×0.05	1.3	19.2	471.1	7.41
3×4×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×25×0.05	1.2	14	250.7	36
3×4×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×25×0.05	1.2	15.1	297.6	24.5
3×4×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×30×0.05	1.2	15.7	340.9	18.1
3×4×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×35×0.05	1.3	18.5	465.2	12.1
3×4×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×35×0.05	1.3	20.5	621.3	7.41
4×4×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×25×0.05	1.2	15.4	313.1	36
4×4×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×30×0.05	1.2	16.6	373.1	24.5
4×4×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×30×0.05	1.3	17.5	437.9	18.1
4×4×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×35×0.05	1.3	20.4	587.7	12.1
4×4×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×40×0.05	1.4	22.8	801.3	7.41
5×4×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×30×0.05	1.2	16.9	378.8	36
5×4×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×35×0.05	1.3	18.5	461.9	24.5
5×4×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×35×0.05	1.3	19.3	532.6	18.1
5×4×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×40×0.05	1.4	22.7	727.7	12.1
5×4×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×45×0.05	1.4	25.1	980.2	7.41
6×4×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×35×0.05	1.3	18.7	456.3	36
6×4×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×35×0.05	1.3	20.2	545.7	24.5
6×4×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×40×0.05	1.3	21.1	630.4	18.1
6×4×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×45×0.05	1.4	24.9	863.4	12.1
6×4×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×50×0.05	1.5	27.8	1179.4	7.41

DIMENSIONS

CORSS SECTIONAL AREA	CONDUCTOR	CORE DIAMETER	INSULATION THICKNESS	GROUP TAPE	SPLIT SCREEN	BELT	SHEATH	OVERALL DIAMATER	WEIGHT	DC RESISTANCE
mm2		mm2	mm	mm	mm	mm	mm	mm	kg/km	ohm/km
7×4×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×35×0.05	1.3	18.7	495.2	36
7×4×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×35×0.05	1.3	20.2	594	24.5
7×4×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×40×0.05	1.3	21.1	689.4	18.1
7×4×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×45×0.05	1.4	24.9	943.8	12.1
7×4×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×50×0.05	1.5	27.8	1297.1	7.41
8×4×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×35×0.05	1.3	20.3	558.5	36
8×4×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×40×0.05	1.4	22.1	680.7	24.5
8×4×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×40×0.05	1.4	23.1	789.7	18.1
8×4×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×50×0.05	1.5	27.3	1080	12.1
8×4×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×55×0.05	1.6	30.5	1483	7.41
9×4×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×40×0.05	1.4	22.6	638.7	36
9×4×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×45×0.05	1.4	24.5	766.3	24.5
9×4×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×45×0.05	1.5	25.8	901.1	18.1
9×4×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×55×0.05	1.6	30.4	1229.8	12.1
9×4×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.7	33.9	1684.8	7.41
10×4×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×45×0.05	1.4	24.2	709.4	36
10×4×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×50×0.05	1.5	26.4	863.9	24.5
10×4×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×50×0.05	1.5	27.6	1001.3	18.1
10×4×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×60×0.05	1.6	32.6	1368.6	12.1
10×4×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.7	36.4	1876	7.41
12×4×0.5	1/0.80	0.8	0.6	10×0.05	10×0.05	2×45×0.05	1.4	25	790.3	36
12×4×0.75	1/0.97	0.97	0.6	10×0.05	10×0.05	2×50×0.05	1.5	27.3	964	24.5
12×4×1.0	1/1.13	1.13	0.6	10×0.05	10×0.05	2×55×0.05	1.5	28.5	1122.3	18.1
12×4×1.5	1/1.38	1.38	0.7	15×0.05	15×0.05	2×60×0.05	1.6	33.7	1532.7	12.1
12×4×2.5	1/1.78	1.78	0.7	15×0.05	15×0.05	2×60×0.05	1.7	37.7	2115.2	7.41