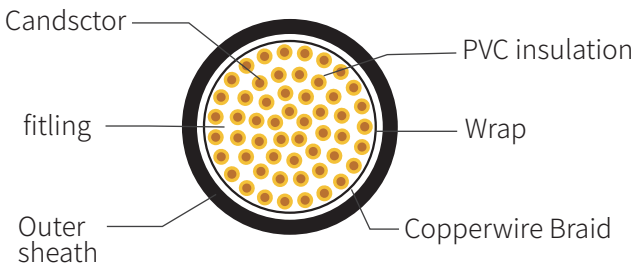
PVC Insulated Sheath Contral Cable



Product Executive standard

The product is manufactured as perGB,T9330-2020 standard.
1) As per Enterprise standard,the flame retardant property of low smoke lowhalogen flame-retardant control cable isaccordance with GBT18380.3,GB/T17651 and GB/T17650.
2) As per Enterprise standard,the flame retardant of low-smoke free-halogen flame-retardant control cable is accor.dance with GB'T18390,3,GB/T17651 and CB,T17650.
3) AS per Enterprise standard,the flame restardant property of flame retardant control cable is accordance withGBT18380.3.

APPLICATIONS

The product is suitable for instruments and switchgears that used for signal transmission,control and measurementsystem with Ac rated voltage(U_0,/U) 450/750V and below,in metallurgy.power and petrolchemical etcof industrlal andmining enterprices..

Model	Nama	Maln applications
KVV	Copper conductor PVC insulated and shesthed control cable	For lying indoors.in trenches and in ducts,where reqine screen for fixed installation
KVVP	Coppar conductor PVC insulated and sheathed copper wire braiding screened control cable	For lying indoors.in trenches and in ducts,where reqine screen for fixed installation
$KVVP_2$	Copper conductor PVC insulated and shesthed steel tape screened control cable	For lying indoors.in trenches and in ducts,where reqine screen for fixed installation
$KVVP_3$	Copper conductor PVC insulated and sheathed Al-polyester tape shiolded control cable	For lying indoors.in trenches and in ducts,where reqine screen for fixed installation

Model	Nama	Maln applications
KVV_{22}	Copper conductor PVC insulated and sheathed comtal cabke afth steeltape armmour	For lying indoors. in trenches and in ducts, where reqine screen for fixed installation
$KVVP_{2\_22}$	Copper conductor PVC insulated and sheathed steel tape shield and armoured control cable	For laying indoors, in trenches, in ducts and inground, the screen can be able towithstand heavier mechanical force, and for fixed installation
KVV_{32}	Copper conductor PVC insulated and sheathed fine steel wire armcured conrd cable	For laying indoors, in trenches, in ducts and can withstand heavier mechanical force and Large span fixed installation.
KVVR	Copper conductar PVC insulated and sheathed flexible control cable	For laying indoors that can move and be soft
KVVRP	Copper conductor PVC insulated and sheathed braided shield flexible control cable	For laying indoors, that van move and be soft and screened

Type KVV 450/750V Copper conductor PVC insulathed and sheathed control cable

No. ×section mm)	Insulation thickness (mm)	Average dia.				Min.insulation resistance MΩ *km		onducorresstancea 20°C(Ω /km)	
		Solid conductor		Steanded conductor					
		Min.	Max	Min.	Max	solid conductor	Stranded conductor	Solld conductor	SIranded conductor
2×0.75	0.6	6.7	8.1	6.9	8.4	0.012	0.014	24	24.5
2×1.0	0.6	7	8.5	7.2	8.7	0.011	0.013	18.1	18.1
2×1.5	0.7	7.9	9.5	8.1	9.7	0.011	0.01	12.1	12.1
2×2.5	0.8	9	10.9	9.2	11.1	0.01	0.009	7.41	7.41
2×4	0.8	9.9	11.9	10.2	12.3	0.0085	0.0077	4.61	4.61
2×6	0.8	10.8	13.1	11.2	13.6	0.007	0.0065	3.08	3.08
2×10	1	-	-	14.3	17.3	-	0.0065	-	1.83
3×0.75	0.6	7.1	8.5	7.3	8.8	0.012	0.014	24	24.5
3×1.0	0.6	7.4	8.9	7.6	9.1	0.011	0.013	18.1	18.1
3×1.5	0.7	8.3	10	8.5	10.3	0.011	0.01	12.1	12.1
3×2.5	0.8	9.5	11.5	9.7	11.8	0.01	0.009	7.41	7.41
3×4	0.8	10.5	12.7	10.8	13	0.0085	0.0077	4.61	4.61
3×6	0.8	11.5	13.9	11.9	14.4	0.007	0.0065	3.08	3.0B
3×10	1	-	-	15.2	18.4	-	0.0065	-	1.83
4×0.75	0.6	7.6	9.2	7.B	9.4	0.012	0.014	24	24.5
4×1.0	0.6	7.9	9.6	8.2	9.9	0.011	0.013	18.1	18.1
4×1.5	0.7	9	10.9	9.2	11	0.011	0.01	12.1	12.1
4×2.5	0.8	10.4	12.5	10.6	12.8	0.01	0.009	7.41	7.41
4×4	0.8	11.4	13.8	11.8	14.2	0.0085	0.0077	4.61	4.61
4×6	0.8	13.2	15.9	13.6	16.5	0.007	0.0065	3.08	3.08

No. ×section (mm)	Insulation thickness (mm)	Average dia.				Min.insulation resistance MΩ *km		onducorresstancea20 °C(Ω /km)	
		Solid conductor		Steanded conductor					
		Min.	Max	Min.	Max	solid conductor	Stranded conductor	solid conductor	Stranded conductor
4×10	1	-	-	16.6	20.1	-	0.0065	-	1.83
5×0.75	0.6	8.2	9.9	8.4	10.2	0.012	0.014	24	24.5
5×1.0	0.6	8.6	10.3	8.8	10.6	0.011	0.013	18.1	18.1
5×1.5	0.7	9.7	11.7	10	121	0.011	0.01	12.1	12.1
5×2.5	0.8	11.3	13.6	11.5	13.9	0.01	0.009	7.41	7.41
5×4	0.8	13	15.7	13.4	16.2	0.0085	0.0077	4.61	4.61
5×6	0.8	14.3	17.3	14.8	17.9	0.007	0.0065	3.08	3.08
5×10	1	-	-	18.2	22	-	0.0065		1.83
7×D.75	0.6	8.8	10.6	9.1	11	0.012	0.014	24	24.5
7×1.0	0.6	9.2	11.1	9.5	11.5	0.011	0.013	18.1	18.1
7×1.5	0.7	10.5	12.7	10.8	13.1	0.011	0.01	12.1	12.1
T×2.5	0.8	12.8	15.5	13.1	15.8	0.01	0.009	7.41	7.41
7×4	0.8	14.1	17.1	14.5	17.6	0.0085	0.0077	4.61	4.61
7×6	0.8	15.6	18.8	16.1	19.5	0.007	0.0065	3.08	3.08
7×10	1	-	-	20.3	24.5	-	0.0065	-	1.83
8×0.75	0.6	9.7	11.7	10	12.1	0.012	0.014	24	24.5
8×1.0	0.6	10.2	12.3	10.5	12.7	0.011	0.013	18.1	18.1
8×1.5	0.7	11.7	14.1	12.6	15.2	0.011	0.01	12.1	12.1
8×2.5	0.8	14.3	17.2	14.6	17.6	0.01	0.009	7.41	7.41
8×4	0.8	15.8	19	16.3	19.6	0.0085	0.0077	4.61	4.61
8×6	0.8	17.4	21	18.1	21.8	0.007	0.0065	3.08	3.08
8×10	1	-	-	22.8	27.5	-	0.0065	-	1.83
10×0.75	0.6	10.8	13.1	11.2	13.6	0.012	0.014	24	24.5
10×10	0.6	11.4	13.8	11.8	14.3	0.011	0.013	18.1	18.1
10×1.5	0.7	13.7	16.6	14.1	17.1	0.011	0.01	12.1	12.1
10×2.5	0.8	16	19.4	16.4	19.8	0.01	0.009	7.41	7.41
10×4	0.8	17.8	21.5	18.7	22.6	0.0085	0.0077	4.61	4.61
10×6	0.8	20.1	24.2	20.8	25.2	0.007	0.0055	3.08	3.08
10×10	1	-	-	25.8	31.2	-	0.0065	-	1.83
12×0.75	0.5	11.2	13.5	11.6	14	0.012	0.014	24	24.5
12×10	0.6	11.8	14.2	12.8	15.4	0.011	0.013	18.1	18.1
12×15	0.7	14.2	17.1	14.5	17.6	0.011	0.01	12.1	12.1
12×25	0.8	16.5	20	16.9	20.5	0.01	0.009	7.41	7.41
12×4	0.8	18.7	22.6	19.3	23.4	0.0085	0.0077	4.61	4.61
12×6	0.8	20.7	25	21.5	26	0.007	0.0055	3.08	3.08

No. ×section (mm)	Insulation thickness (mm)	Average dia.				Min.insulation resistance MΩ *km		onducor resstance at20°C(Ω /km)	
		Solid conductor		Steanded conductor					
		Min.	Max	Min.	Max	solid conductor	Stranded conductor	solid conductor	Stranded conductor
14×0.75	0.8	11.7	14.1	12.7	15.3	0.012	0.014	24	24.5
14×10	0.5	12.9	15.6	13.3	16.1	0.011	0.013	18.1	18.1
14×15	0.7	14	17.9	15.2	18.4	0.011	0.01	121	12.1
14×2.5	0.8	17.4	21	17.8	21.5	0.01	0.009	7.41	7.41
14×4	0.8	19.6	23.7	20.3	24.5	0.085	0.0077	4.61	461
14×6	0.8	21.8	25.3	22.6	27.3	0.007	0.0055	3.08	3.08
16×0.75	0.6	12.9	15.5	13.3	16.1	0.012	0.014	24	24.5
16×10	0.5	13.5	15.4	14	16.59	0.011	0.013	18.1	18.1
16×1.5	0.7	15.6	18.8	15	19.4	0.011	0.01	121	12.1
16×25	0.8	18.3	22.1	19.1	23.1	0.02	0.009	741	7.41
19×0.75	0.6	13.5	16.3	14	16.5	0.012	0.014	24	24.5
19×10	0.5	14.2	17.2	14.7	17.7	0.011	0.013	18.1	18.1
19×15	0.7	16.4	19.8	16.8	20.4	0.011	0.01	12.1	12.1
19×25	0.8	19.6	23.7	20.1	24.3	0.01	0.009	7.41	7.41
24×0.75	0.5	15.6	18.8	15.1	19.5	0.012	0.014	24	24.5
24×10	0.6	16.4	19.8	17	20.5	0.011	0.013	18.1	18.1
24×15	0.7	15.4	23.4	20	24.1	0.011	0.01	121	12.1
24×2.5	0.8	22.8	27.6	23.4	28.3	0.01	0.009	7.41	7.41
27×0.75	0.5	15.9	19.2	16.5	19.9	0.012	0.014	24	24.5
27×10	0.6	16.7	20.2	17.3	20.9	0.011	0.013	18.1	18.1
27×15	0.7	19.8	23.9	20.4	24.6	0.011	0.01	12.1	12.1
27×25	8	23.3	28.2	23.9	28.9	0.01	0.009	7.41	7.41
30×0.75	0.6	16.4	19.8	17	20.6	0.012	0.014	24	24.5
30×10	0.6	19	23	19.7	23.8	0.011	0.013	10.1	18.1
30×15	0.7	22	26.6	22.7	27.4	0.011	0.01	12.1	12.1
30×25	0.8	26.1	81.5	26.7	32.8	0.01	0.009	7.41	74.1
37×0.75	0.6	19.6	22.3	20.1	24.2	0.012	0.014	24	24.5
37×10	0.6	20.6	23.4	21.7	25.8	0.011	0.013	18.1	18.1
37×15	0.7	23.4	27.6	24.6	28.9	0.011	0.01	12.1	12.1
37×2.5	0.8	27.6	31.2	28.4	33.5	0.01	0.009	7.41	7.41
44×0.75	0.6	20.1	24.2	20.8	25.2	0.012	0.014	24	24.5
44×10	0.6	21.2	25.6	22	26.6	0.011	0.013	18.1	18.1
44×15	0.7	24.7	29.8	25.4	30.7	0.011	0.01	12.1	12.1
44×2.5	0.8	29.9	35.1	30.6	37	0.01	0.009	7.41	7.41
48×0.75	0.6	20.4	24.6	21.2	25.6	0.012	0.014	24	24.5
48×10	0.5	21.5	25	22.3	27	0.011	0.013	18.1	18.1
48×15	0.7	25.1	30.3	25.9	31.2	0.011	0.01	12.1	12.1
48×25	8	30.3	36.7	31.3	37.6	0.01	0.009	7.41	74.1
52×0.75	0.5	20.9	25.3	21.7	26.2	0.012	0.014	24	24.5
52×10	0.6	22.1	26.7	22.9	27.7	0.011	0.013	18.1	18.1

No. ×section (mm)	Insulation thickness (mm)	Average dia.				Min.insulation resistance MΩ*km		onducor resstance at20°C(Ω/km)	
		Solid conductor		Steanded conductor					
		Min.	Max	Min.	Max	solid conductor	Stranded conductor	solid conductor	Stranded conductor
52×15	0.7	25.8	31.1	26.6	32.1	0.011	0.01	12.1	12.1
52×25	8	31.2	37.7	32	38.6	0.01	0.09	7.41	74.1
61×0.75	0.5	21.9	25.5	22.8	27.5	0.012	0.014	24	24.5
61×10	0.6	23.2	28	24.1	29.1	6.011	0.013	18.1	18.1
61×15	0.7	27	32.7	28.5	34.4	0.011	0.01	12.1	12.1
61×25	8	33.1	40	34.0	41.1	0.01	0.009	7.41	7.41

Type KVVP 450/750V Copper conductor PVC insulathed and sheathed copper wire braiding screened control cable.

No. ×section (mm)	Insulation thickness (mm)	Average dia.				Min.insulation resistance MΩ*km		onducorresstancea20°C(Ω/km)	
		Solid conductor		Steanded conductor					
		Min.	Max	Min.	Max	solid conductor	Stranded conductor	solid conductor	Stranded conductor
2×0.75	0.6	7.7	9.3	7.9	9.6	0.012	0.014	24	24.5
2×1.0	0.6	8	9.7	8.2	9.9	0.011	0.013	18.1	18.1
2×1.5	0.7	8.9	10.7	9.1	11	0.011	0.01	12.1	12.1
2×2.5	0.8	10	12.1	10.2	12.4	0.01	0.009	7.41	7.41
2×4	0.8	10.9	13.2	11.2	13.5	0.0085	0.0077	4.61	4.61
2×6	0.8	11.9	14.3	12.8	15.5	0.007	0.0065	3.08	3.08
2×10	1	-	-	15.6	18.8	-	0.0065	-	1.83
3×0.75	0.6	8.1	9.7	8.3	10	0.012	0.014	24	24.5
3×1.0	0.6	8.4	10.1	8.6	10.4	0.011	0.013	18.1	18.1
3×1.5	0.7	9.3	11.2	9.5	11.5	0.011	0.01	12.1	12.1
3×2.5	0.8	10.5	12.7	10.8	13	0.01	0.009	7.41	7.41
3×4	0.8	11.5	13.9	11.8	14.2	0.0085	0.0077	4.61	4.61
3×6	0.8	13.1	15.8	13.7	16.6	0.007	0.0065	3.08	3.08
3×10	1	-	-	16.4	19.9	-	0.0065	-	1.83
4×0.75	0.6	8.6	10.4	8.8	10.7	0.012	0.014	24	24.5
4×1.0	0.6	8.9	10.8	9.2	11.1	0.011	0.013	18.1	18.1
4×1.5	0.7	10	12.1	10.2	12.4	0.011	0.01	12.1	12.1
4×2.5	0.8	11.4	13.8	11.6	14	0.01	0.009	741	7.41

No. ×section (mm)	Insulation thickness (mm)	Average dia.				Min.insulation resistance MΩ*km		onducorresstancea20° C(Ω/km)	
		Solid conductor		Steanded conductor					
		Min.	Max	Min.	Max	solid conductor	Stranded conductor	solid conductor	Stranded conductor
4×4	0.8	13	15.7	13.6	16.4	0.0085	0.0077	4.61	4.61
4×6	0.8	14.4	17.4	14.9	18	0.007	0.0065	3.08	3.02
4×10	1	-	-	17.9	21.6	-	0.0065	-	1.83
5×0.75	0.6	9.2	11.1	9.4	11.4	0.012	0.014	24	24.5
5×1.0	0.6	9.6	11.6	9.8	11.9	0.011	0.013	18.1	18.1
5×1.5	0.7	10.7	13	11	13.3	0.011	0.01	12.1	12.1
5×2.5	0.8	12.9	15.5	13.1	15.9	0.01	0.009	7.41	7.41
5×4	0.8	14.3	17.2	14.7	17.7	0.0085	0.0077	4.61	4.61
5×6	0.8	15.6	18.8	16.1	19.4	0.007	0.0065	3.08	3.08
5×10	1	-	-	19.8	24	-	0.0065	-	1.83
7×0.75	0.6	9.8	11.8	10.1	12.2	0.012	0.014	24	24.5
7×1.0	0.6	10.2	12.4	10.5	12.7	0.011	0.013	18.1	18.1
7×1.5	0.7	11.5	13.9	11.8	14.3	0.011	0.01	12.1	12.1
7×2.5	0.8	14.1	17	14.4	17.3	0.01	0.009	7.41	7.41
7×4	0.8	15.4	18.6	15.8	19.1	0.0085	0.0077	4.61	4.61
7×6	0.8	16.8	20.3	17.4	21	0.007	0.0065	3.08	3.08
7×10	1	-	-	21.5	26	-	0.0065	-	1.83
8×0.75	0.6	10.7	13	11.1	13.4	0.012	0.014	24	24.5
8×1.0	0.6	11.2	13.6	11.5	14	0.011	0.013	18.1	18.1
8×1.5	0.7	13.5	16.3	13.9	16.7	0.011	0.01	12.1	12.1
8×2.5	0.8	15.5	18.7	15.8	19.1	0.01	0.009	7.41	7.41
8×4	0.8	17	20.5	17.5	21.1	0.0085	0.0077	4.61	4.61
8×6	0.8	19	23	19.7	23.8	0.007	0.0065	3.08	3.08
8×10	1	-	-	24.2	29.3	-	0.0065	-	1.83
10×0.75	0.6	11.9	14.3	12.8	15.5	0.012	0.014	24	24.5
10×1.0	0.6	13	15.7	13.6	16.5	0.011	0.013	18.1	18.1
10×1.5	0.7	15	18.1	15.4	18.6	0.011	0.01	12.1	12.1
10×2.5	0.8	17.3	20.9	17.7	21.3	0.01	0.009	7.41	7.41
10×4	0.8	19.4	23.4	20	24.1	0.0085	0.0077	4.61	4.61
10×6	0.8	21.3	25.8	22.1	26.7	0.007	0.0065	3.08	3.08
10×10	1	-	-	27.9	33.7	-	0.0065	-	1.83
12×0.75	0.6	12.8	15.4	13.2	15.9	0.012	0.014	24	24.5
12×1.0	0.6	13.6	16.4	14	16.9	0.011	0.013	18.1	18.1
12×1.5	0.7	15.4	18.6	15.8	19.1	0.011	0.01	12.1	12.1
12×2.5	0.8	17.8	21.5	18.2	22	0.01	0.009	7.41	7.41
12×4	0.8	20	24.1	20.6	24.9	0.0085	0.0077	4.61	4.61
12×6	0.8	22	26.6	22.5	27.5	0.007	0.0065	3.08	3.08
14×0.75	0.6	13.5	16.3	13.9	16.8	0.012	0.014	24	24.5
14×1.0	0.6	14.2	17.1	14.6	17.6	0.011	0.013	18.1	18.1

No. ×section (mm)	Insulation thickness (mm)	Average dia.				Min.insulation resistance MΩ *km		onducorresstancea20°C (Ω /km)	
		Solid conductor		Steanded conductor					
		Min.	Max	Min.	Max	solid conductor	Stranded conductor	solid conductor	Stranded conductor
14×1.5	0.7	16.1	19.4	16.5	19.9	0.011	0.01	12.1	12.1
14×2.5	0.8	19	22.9	19.4	23.4	0.01	0.009	7.41	7.41
14×4	0.8	20.9	25.2	21.5	26	0.0085	0.0077	4.61	4.61
14×6	0.8	23	27.8	24.1	29.1	0.007	0.0065	3.08	3.08
16×0.75	0.6	14.1	17.1	14.6	175	0.012	0.014	24	24.5
16×1.0	0.6	14.8	17.9	15.2	18.4	0.011	0.013	18.1	18.1
16×1.5	0.7	16.8	20.3	17.3	20.9	0.011	0.01	12.1	12.1
16×2.5	0.8	19.9	24.1	20.4	24.6	0.01	0.009	7.41	7.41
19×0.75	0.6	14.7	17.8	15.2	18.4	0.012	0.014	24	24.5
19×10	0.6	15.5	18.7	15.9	19.3	0.011	0.013	18.1	18.1
19×1.5	0.7	17.6	21.3	18.1	21.9	0.011	0.01	12.1	12.1
19×2.5	0.8	20.9	25.2	21.4	258	0.01	0.009	7.41	7.41
24×0.75	0.6	16.8	20.3	17.4	21	0.012	0.014	24	24.5
24×1.0	0.6	17.7	21.3	18.2	22	0.011	0.013	18.1	18.1
24×1.5	0.7	20.6	24.9	21.2	25.6	0.011	0.01	12.1	12.1
24×2.5	0.8	24.3	29.4	24.9	30.1	0.01	0.009	7.41	7.41
27×0.75	0.6	17.1	20.7	17.7	21.4	0.012	0.014	24	24.5
27×1.0	0.6	18	21.7	19	22.9	0.011	0.013	18.1	18.1
27×1.5	0.7	21	25.4	21.6	26.1	0.011	0.01	12.1	12.1
27×2.5	0.8	24.8	30	25.4	30.7	0.01	0.009	7.41	7.41
30×0.75	0.6	17.6	21.3	18	22.1	0.012	0.014	24	24.5
30×1.0	0.6	19.6	22.9	19.6	23.6	0.011	0.013	18.1	18.1
30×1.5	0.7	21.7	26.2	22.3	27	0.011	0.01	12.1	12.1
30×2.5	0.B	25.7	31	26.3	31.7	0.01	0.009	7.41	7.41
37×0.75	0.6	19.2	23.3	19.9	24.1	0.012	0.014	24	24.5
37×1.0	0.6	20.3	24.5	20.9	25.3	0.011	0.013	18.1	18.1
37×1.5	0.7	23.3	28.1	24.2	29.2	0.011	0.01	12.1	12.1
37×2.5	0.B	28.1	34	28.8	34.8	0.01	0.009	7.41	7.41
44×0.75	0.6	21.3	25.8	22.1	26.7	0.012	0.014	24	24.5
44×1.0	0.6	22.5	27.1	23.2	28.1	0.011	0.013	18.1	18.1
44×1.5	0.7	26.2	31.5	26.8	32.1	0.011	0.01	12.1	12.1
44×2.5	0.8	31.6	38	32.2	38.6	0.01	0.009	7.41	7.41
48×0.75	0.6	21.9	26	22.5	26.6	0.012	0.014	24	24.5
48×1.0	0.6	22.8	28.5	23.4	29.1	0.011	0.013	18.1	18.1
48×1.5	0.7	26.8	32	27.4	32.6	0.011	0.01	12.1	12.1
48×2.5	0.8	32.2	38.5	32.8	39.1	0.01	0.009	7.41	7.41
52×0.75	0.6	22.6	38.2	23.2	38.B	0.012	0.014	24	24.5
52×1.0	0.6	23.7	28.3	24.3	28.9	0.011	0.013	18.1	18.1
52×1.5	0.7	28.3	33.6	28.9	34.2	0.011	0.01	12.1	12.1
52×2.5	0.8	33.7	40	34.3	40.6	0.01	0.009	7.41	7.41
61×0.75	0.6	23.7	28.3	24.3	28.9	0.012	0.014	24	24.5

Type KVVP$_2$ 450/750V Copper conductor PVC insulated and sheathed control cable wire braiding, screened control cable.
Type KVVP$_3$ 450/750VCopper conductor PVC insulated and sheathed copper wire braiding screened control cable. table

No×section (mm²)	Insulation thickness (mm)	Average dia.				Min.insulation resistance MΩ*km	Conductor resistance at 20 ℃(Ω /km)	
		KVVP$_2$		KVVP$_2$				
		Min.	Max	Min.	Max		KVVP$_2$	KVVP$_3$
4×0.75	0.6	8.1	9.7	8.1	9.7	0.012	24	24
4×1.0	0.6	8.4	10.2	8.4	10.2	0.011	18.1	18.1
4×1.5	0.7	9.5	11.4	9.5	11.4	0.011	12.1	12.1
4×2.5	0.8	10.9	13.1	10.9	13.1	0.01	7.41	7.41
4×4	0.8	12.5	15.1	12.5	15.1	0.0085	4.61	4.61
4×6	0.8	13.0	16.5	13.6	16.5	0.007	3.08	3.08
4×10	1	17.1	20.7	17.1	20.7	0.0065	1.83	1.83
5×0.75	0.6	8.6	10.4	8.6	10.4	0.012	24	24
5×1.0	0.6	9	10.9	9	10.9	0.011	18.1	18.1
5×1.5	0.7	10.2	12.3	10.2	12.3	0.011	12.1	12.1
5×2.5	0.8	11.8	14.2	11.8	14.2	0.01	7.41	7.41
5×4	0.8	13.5	16.3	13.5	16.3	0.0085	4.61	4.61
5×6	0.8	14.8	17.9	14.8	17.9	0.007	3.0B	3.08
5×10	1	19.1	23	19.1	23	0.0065	1.83	1.83
7×0.75	0.6	9.3	11.2	9.3	11.2	0.012	24	24
7×1.0	0.6	9.7	11.7	9.7	11.7	0.011	18.1	18.1
7×1.5	0.7	11	13.3	11	13.3	0.011	12.1	12.1
7×2.5	0.8	13.3	16.1	13.3	16.1	0.01	7.41	7.41
7×4	0.8	14.6	17.6	14.6	17.6	0.0085	4.61	4.61
7×6	0.8	16	19.4	16	19.4	0.007	3.08	3.08
7×10	1	20.7	25.1	20.7	25.1	0.0065	1.83	1.83
8×0.75	0.6	10.2	12.3	10.2	12.3	0.012	24	24
8×1.0	0.6	10.7	12.9	10.7	12.9	0.011	18.1	18.1
8×1.5	0.7	12.8	15.4	12.8	15.4	0.011	12.1	12.1
8×2.5	0.8	14.7	17.8	14.7	17.8	0.01	7.41	7.41
8×4	0.8	16.2	19.6	16.2	19.6	0.0085	4.61	4.61
8×6	0.8	17.9	21.6	17.9	21.6	0.007	3.08	3.08
8×10	1	23.2	28.1	23.2	28.1	0.0065	1.83	1.83

No×section (mm^2)	Insulation thickness (mm)	Average dia.				Min.insulation resistance MΩ *km	Conductor resistance at 20 °C(Ω /km)	
		$KVVP_2$		$KVVP_2$				
		Min.	Max	Min.	Max		$KVVP_2$	$KVVP_3$
4×0.75	0.6	8.1	9.7	8.1	9.7	0.012	24	24
4×1.0	0.6	8.4	10.2	8.4	10.2	0.011	18.1	18.1
4×1.5	0.7	9.5	11.4	9.5	11.4	0.011	12.1	12.1
4×2.5	0.8	10.9	13.1	10.9	13.1	0.01	7.41	7.41
4×4	0.8	12.5	15.1	12.5	15.1	0.0085	4.61	4.61
4×6	0.8	13.0	16.5	13.6	16.5	0.007	3.08	3.08
4×10	1	17.1	20.7	17.1	20.7	0.0065	1.83	1.83
5×0.75	0.6	8.6	10.4	8.6	10.4	0.012	24	24
5×1.0	0.6	9	10.9	9	10.9	0.011	18.1	18.1
5×1.5	0.7	10.2	12.3	10.2	12.3	0.011	12.1	12.1
5×2.5	0.8	11.8	14.2	11.8	14.2	0.01	7.41	7.41
5×4	0.8	13.5	16.3	13.5	16.3	0.0085	4.61	4.61
5×6	0.8	14.8	17.9	14.8	17.9	0.007	3.0B	3.08
5×10	1	19.1	23	19.1	23	0.0065	1.83	1.83
7×0.75	0.6	9.3	11.2	9.3	11.2	0.012	24	24
7×1.0	0.6	9.7	11.7	9.7	11.7	0.011	18.1	18.1
7×1.5	0.7	11	13.3	11	13.3	0.011	12.1	12.1
7×2.5	0.8	13.3	16.1	13.3	16.1	0.01	7.41	7.41
7×4	0.8	14.6	17.6	14.6	17.6	0.0085	4.61	4.61
7×6	0.8	16	19.4	16	19.4	0.007	3.08	3.08
7×10	1	20.7	25.1	20.7	25.1	0.0065	1.83	1.83
8×0.75	0.6	10.2	12.3	10.2	12.3	0.012	24	24
8×1.0	0.6	10.7	12.9	10.7	12.9	0.011	18.1	18.1
B×1.5	0.7	12.8	15.4	12.8	15.4	0.011	12.1	12.1
8×2.5	0.8	14.7	17.8	14.7	17.8	0.01	7.41	7.41
8×4	0.8	16.2	19.6	16.2	19.6	0.0085	4.61	4.61
8×6	0.8	17.9	21.6	17.9	21.6	0.007	3.08	3.08
8×10	1	23.2	28.1	23.2	28.1	0.0065	1.83	1.83
24×1.0	0.6	16.9	20.4	16.9	20.4	0.011	18.1	18.1
24×1.5	0.7	19.9	24	19.9	24	0.011	12.1	12.1
24×25	0.8	23.3	28.2	23.3	28.2	0.01	7.41	7.41
27×0.75	0.6	16.3	19.7	16.3	19.7	0.012	24	24
27×1.0	0.6	17.2	20.8	17.2	20.8	0.011	18.1	18.1
27×1.5	0.7	20.3	24.5	20.3	24.5	0.011	12.1	12.1
27×25	0.8	23.8	28.B	23.8	28.8	0.01	7.41	7.41

No×section (mm^2)	Insulation thickness (mm)	Average dia.				Min.insulation resistance MΩ *km	Conductor resistance at 20 ℃(Ω/km)	
		$KVVP_2$		$KVVP_3$				
		Min.	Max	Min.	Max		$KVVP_2$	$KVVP_3$
30×0.75	0.6	16.9	20.4	16.9	20.4	0.012	24.0	24.0
30×1.0	0.6	17.8	21.5	17.8	21.5	0.011	18.1	18.1
30×1.5	0.7	21.0	25.3	21.0	25.3	0.011	12.1	12.1
30×2.5	0.B	24.6	29.8	24.6	29.8	0.010	7.41	7.41
37×0.75	0.6	18.1	21.9	18.1	21.9	0.012	24.0	24.0
37×1.0	0.6	19.5	23.5	19.5	23.5	0.011	18.1	18.1
37×1.5	0.7	22.5	27.2	22.5	27.2	0.011	12.1	12.1
37×2.5	0.8	26.5	32.1	26.5	32.1	0.010	7.41	7.41
44×0.75	0.6	20.5	24.8	20.5	24.8	0.012	24.0	24.0
44×1.0	0.6	21.7	26.2	21.7	26.2	0.011	18.1	18.1
44×1.5	0.7	25.2	30.4	25.2	30.4	0.011	12.1	12.1
44×2.5	0.8	30.3	36.7	30.3	36.7	0.010	7.41	7.41
48×0.75	0.6	20.9	25.2	20.9	25.2	0.012	24.0	24.0
48×1,0	0.6	22.0	26.6	22.0	26.6	0.011	18.1	18.1
48×1.5	0.7	25.5	30.9	25.5	30.9	0.011	12.1	12.1
48×2.5	0.8	30.8	37.2	30.8	37.2	0.010	7.41	7.41
52×0.75	0.6	21.4	25.8	21.4	258	0.012	24.0	24.0
52×1.0	0.6	22.6	27.3	22.6	27.3	0.011	18.1	18.1
52×1.5	0.7	26.2	31.7	26.2	31.7	0.011	12.1	12.1
52×2.5	0.8	31.7	38.2	31.7	38.2	0.010	7.41	7.41
61×0.75	0.6	22.6	27.3	22.6	27.3	0.012	24.0	24.0
61×1.0	0.6	23.9	28.9	23.9	28.9	0.011	18.1	18.1
61×1.5	0.7	28.4	34.3	28.4	34.3	0.011	12.1	12.1
61×2.5	0.8	33.9	41.0	33.9	41.0	0.010	7.41	7.41

Type KVV_{22} 450/750V Copper conductor PVC insulated and sheathed control cable with steel tape armmour
Type $KVVP_{2—22}$ 450/750VCopper conductor PVC insulated and sheathed steel tape shleld and armoured control cable

No×section (mm^2)	Insulation thickness (mm)	Average dia.				Min.insulation resistance MΩ *km	Conductor resistance at 20 °C(Ω /km)	
		$KVVP_2$		$KVVP_{2-22}$				
		Min.	Max	Min.	Max		$KVVP_{22}$	$KVVP_{2-22}$
4×1.5	0.7	12.0	14.4	12.7	15.4	0.011	12.1	12.1
4×2.5	0.8	13.4	16.1	14.1	17.1	0.010	7.41	7.41
4×4	0.8	14.4	17.4	15.2	18.3	0.0085	4.61	4.61
4×6	0.8	15.6	18.B	16.3	19.7	0.0070	3.08	3.08
4×10	1.0	19.4	23.5	20.2	24.4	0.0065	1.83	1.83
5×1.5	0.7	12.7	15.3	13.5	16.3	0.011	12.1	12.1
5×2.5	0.8	14.3	17.2	15.0	18.1	0.010	7.41	7.41
5×4	0.8	15.4	18.6	16.2	19.6	0.0085	4.61	4.61
5×6	0.8	16.7	20.2	17.5	21.1	0.0070	3.08	3.08
5×10	1.0	21.0	25.4	21.8	26.3	0.0065	1.83	1.83
7×0.75	0.6	11.8	14.2	12.5	15.1	0.012	24.0	24.0
7×1.0	0.6	12.2	14.7	13.0	15.7	0.011	18.1	18.1
7×1.5	0.7	13.5	16.3	14.3	17.2	0.011	12.1	12.1
7×2.5	0.8	15.2	18.4	16	19.3	0.010	7.41	7.41
7×4	0.8	16.5	20.0	17.3	20.9	0.0085	4.61	4.61
7×6	0.8	18.0	21.7	19.1	23.1	0.0070	3.09	3.08
7×10	1.0	22.7	27.4	23.4	28.3	0.0065	1.83	1.83
8×0.75	0.6	12.7	15.3	13.5	16.3	0.012	24.0	24.0
8×1.0	0.6	13.2	15.9	14	16.9	0.011	18.1	18.1

No×section (mm^2)	Insulation thickness (mm)	Average dia.				Min.insulation resistance MΩ*km	Conductor resistance at 20 ℃(Ω/km)	
		$KVVP_{22}$		$KVVP_{2-22}$				
		Min.	Max	Min.	Max		$KVVP_{22}$	$KVVP_{2-22}$
8×1.5	0.7	14.7	17.7	15.4	18.7	0.011	12.1	12.1
8×2.5	0.8	16.7	20.1	17.4	21.1	0.010	7.41	7.41
8×4	0.8	18.2	21.9	19.3	23.3	0.0085	4.61	4.61
8×6	0.8	20.2	24.4	21	25.3	0.0070	3.08	3.08
8×10	1.0	25.2	30.4	26.3	31.8	0.0065	1.83	1.83
10×0.75	0.6	13.8	16.7	14.6	17.6	0.012	24.0	24.0
10×1.0	0.6	14.4	17.4	15.2	18.3	0.011	18.1	18.1
10×1.5	0.7	16.1	19.5	16.9	20.4	0.011	12.1	12.1
10×2.5	0.8	18.B	22.7	19.6	23.7	0.010	7.41	7.41
10×4	0.8	20.5	24.8	21.3	25.8	0.0085	4.61	4.61
10×6	0.8	22.5	27.1	23.2	28.1	0.0070	3.08	3.08
10×10	1.0	29.2	35.3	30.0	36.2	0.0065	1.83	1.83
12×0.75	0.6	14.1	17.1	14.9	18.0	0.012	24.0	24.0
12×1.0	0.6	14.B	17.8	15.5	18.8	0.011	18.1	18.1
12×1.5	0.7	16.6	20.0	17.3	20.9	0.011	12.1	12.1
12×2.5	0.8	19.3	23.4	20.1	24.3	0.010	7.41	7.41
12×6	0.8	23.1	27.9	23.9	28.9	0.007	3.08	3.08
14×0.75	0.6	14.7	17.7	15.4	18.7	0.012	24	24
14×1.0	0.6	15.3	18.5	16.1	19.4	0.011	18.1	18.1
14×1.5	0.7	17.2	20.8	18.4	22.2	0.011	12.1	12.1
14×2.5	0.8	20.1	24.3	20.9	25.3	0.01	7.41	7.41
14×4	0.8	22	26.6	22.8	27.6	0.0085	4.61	4.61
14×6	0.8	24.2	29.2	24.9	30.1	0.007	3.08	3.08
16×0.75	0.6	15.3	18.5	16	19.4	0.012	24	24
16×1.0	0.6	16	19.3	16.7	20.2	0.011	18.1	18.1
16×1.5	0.7	18	21.7	19.1	23.1	0.011	12.1	12.1
16×2.5	0.8	21.1	25.5	21.8	26.4	0.01	7.41	7.41
19×0.75	0.6	15.9	19.2	16.7	20.1	0.012	24	24
19×1.0	0.6	16.6	20.1	17.4	21	0.011	18.1	18.1
19×1.5	0.7	19.2	23.1	19.9	24.1	0.011	12.1	12.1
19×2.5	0.8	22	26.6	22.8	27.6	0.01	7.41	7.41
24×0.75	0.6	18	21.7	19.1	23.1	0.012	24	24
24×1.0	0.6	19.2	23.2	20	24.1	0.011	18.1	18.1

No×section (mm^2)	Insulation thickness (mm)	Average dia.				Min.insulation resistance MΩ*km	Conductor resistance at 20 °C(Ω/km)	
		$KVVP_{22}$		$KVVP_{2-22}$				
		Min.	Max	Min.	Max		$KVVP_{22}$	$KVVP_{2-22}$
24×1.5	0.7	21.8	26.3	22.6	27.3	0.011	12.1	12.1
24×2.5	0.8	25.6	31	26.4	31.9	0.01	7.41	7.41
30×0.75	0.6	19.2	23.2	20	24.1	0.012	24	24
30×10	0.6	20.1	24.3	20.9	252	0.011	18.1	18.1
30×1.5	0.7	22.9	27.6	23.6	28.6	0.011	12.1	12.1
30×2.5	0.8	27	32.6	28.3	34.2	0.01	7.41	7.41
37×0.75	0.6	20.4	24.7	21.2	25.6	0.012	24	24
37×1.0	0.6	21.4	25.9	22.2	26.8	0.011	18.1	18.1
37×1.5	0.7	24.4	29.5	25.6	30.9	0.011	12.1	12.1
37×2.5	0.8	29.4	35.6	30.2	36.5	0.01	7.41	7.41
44×0.75	0.6	22.5	27.1	23.2	28.1	0.012	24	24
44×1.0	0.6	23.6	28.5	24.4	29.5	0.011	18.1	18.1
44×1.5	0.7	28	33.9	28.8	34.8	0.011	12.1	12.1
48×0.75	0.6	22.8	27.5	23.5	28.4	0.012	24	24
48×1.0	0.6	24	28.9	24.7	29.9	0.011	18.1	18.1
48×1.5	0.7	28.4	34.4	29.2	35.3	0.011	12.1	12.1
48×2.5	0.8	33.5	40.5	35.4	42.8	0.01	7.41	7.41
52×0.75	0.6	23.3	28.2	5	30.1	0.012	24	24
52×1.0	0.6	24.5	29.6	26.6	32.1	0.011	18.1	18.1
52×1.5	0.7	29.1	35.2	30.9	37.4	0.011	12.1	12.1
52×2.5	0.8	35.5	42.9	37.5	45.4	0.01	7.41	7.41
61×0.75	0.6	24.5	29.6	25.7	31	0.012	24	24
61×1.0	0.6	26.2	31.7	27	32.6	0.011	18.1	18.1
61×1.5	0.7	30.7	37.1	31.4	38	0.011	12.1	12.1
61×2.5	0.8	37.4	45.2	38.2	46.1	0.01	7.41	7.41

Type KVV_{32} 450/750V Copper conductor PVC insulated and sheathed fine steel wire armoured conrol cable

No×section (mm^2)	Insulation thickness (mm)	Average dia.		Min.insulation resistance MΩ*km		Conductor resistance at 20 ℃(Ω/km)
		Min.	Max			
4×4	0.8	16	19.4	0.0085		4.61
4×6	0.8	17.2	20.8	0.007		3.0B
4×10	1	21.7	26.3	0.0065		1.83
5×4	0.8	17	20.6	0.0085		4.61
5×6	0.8	18.7	22.6	0.007		3.08
5×10	1	23.3	28.1	0.0065		1.83
7×1.5	0.7	15.1	18.3	0.011		12.1
7×2.5	0.8	16.8	20.4	0.01		7.41
7×4	0.8	18.1	21.9	0.0085		4.61
7×6	0.8	20	24.1	0.007		3.08
7×10	1	25	30.2	0.0065	1.83	1.83
8×1.5	0.7	16.3	19.7	0.011	12.1	12.1
8×2.5	0.8	18.7	226	0.01	7.41	7.41
8×4	0.8	20.8	25.2	0.0085	4.61	4.61
8×6	0.8	22.5	27.2	0.007	3.08	3.08
8×10	1	27.5	33.2	0.0065	1.83	1.83
10×1.5	0.7	17.8	21.5	0.011	12.1	12.1
10×2.5	0.8	21.1	25.5	0.01	7.41	7.41
10×4	0.8	22.8	27.6	0.0085	4.61	4.61
10×6	0.B	24.8	29.9	0.007	3.08	3.08
10×10	1	32.3	39	0.0065	1.83	1.83

No×section (mm^2)	Insulation thickness (mm)	Average dia.		Min.insulation resistance MΩ*km		Conductor resistance at 20 °C(Ω/km)
		Min.	Max			
12×1.5	0.7	18.2	220	0.011	12.1	12.1
12×2.5	0.8	21.6	26.1	0.01	7.41	7.41
12×4	0.B	23.4	28.3	0.0085	4.61	4.61
12×6	0.B	25.4	30.7	0.007	3.08	3.08
14×1.5	0.7	192	23.2	0.011	12.1	12.1
14×2.5	0.8	22.4	27.1	0.01	7.41	7.41
14×4	0.8	24.3	29.4	0.0085	4.61	4.61
14×6	0.B	26.5	32	0.007	3.08	3.08
16×1.5	0.7	20	24.2	0.011	12.1	12.1
16×2.5	0.8	23.4	28.2	0.01	7.41	7.41
19×0.75	0.6	17.5	21.2	0.012	24	24
19×1.0	0.6	18.2	22	0.011	18.1	18.1
19×1.5	0.7	21.5	25.9	0.011	12.1	12.1
19×2.5	0.8	24.3	29.4	0.01	7.41	7.41
24×0.75	0.6	20	24.1	0.012	24	24
24×1.0	0.6	21.5	26	0.011	18.1	18.1
24×1.5	0.7	24.1	29.1	0.011	12.1	12.1
24×2.5	0.8	28.5	34.5	0.01	7.41	7.41
27×0.75	0.6	20.9	253	0.012	24	24
27×1.0	0.6	21.8	26.4	0.011	18.1	18.1
27×1.5	0.7	24.5	29.6	0.011	12.1	12.1
27×2.5	0.8	29	35	0.01	7.41	7.41
30×0.75	0.6	21.5	26	0.012	24	24
30×1.0	0.6	22.4	27.1	0.011	18.1	18.1
30×1.5	0.7	25.2	30.4	0.011	12.1	12.1
30×2.5	0.8	29.8	36	0.01	7.41	7.41
37×0.75	0.6	22.7	27.4	0.012	24	24

No×section (mm²)	Insulation thickness (mm)	Average dia.		Min.insulation resistance MΩ*km	Conductor resistance at 20℃(Ω/km)
		Min.	Max		
37×1.0	0.6	23.7	28.7	0.011	18.1
37×1.5	0.7	26.7	32.3	0.011	12.1
37×2.5	0.8	32.5	39.3	0.01	741
44×0.75	0.6	24.8	29.9	0.012	24
44×1.0	0.6	25.9	31.3	0.011	18.1
44×1.5	0.7	30.3	36.7	0.011	12.1
44×2.5	0.8	36.1	43.6	0.01	7.41
48×0.75	0.6	25.1	30.3	0.012	24
48×1.0	0.6	26.3	31.7	0.011	18.1
48×1.5	0.7	30.7	37.1	0.011	12.1
48×2.5	0.8	36.6	44.2	0.01	7.41
52×0.75	0.6	25.1	30.3	0.012	24
52×1.0	0.6	26.3	31.7	0.011	18.1
52×1.5	0.7	30.7	37.1	0.011	12.1
52×2.5	0.8	36.6	44.2	0.01	7.41
61×0.75	0.6	26.8	32.4	0.012	24
61×1.0	0.6	29.1	35.1	0.011	18.1
61×1.5	0.7	34.1	41.2	0.011	121
61×2.5	0.8	39.3	47.5	0.01	7.41

Type KVVR Copper conductor PVC insulated and sheathed flexible control cable
Type KVVRP Copper conductor PVC insulated and sheathed braided shield flexible control cable

No×section (mm^2)	Insulation thickness (mm)	Average dia.				Min.insulation resistance MΩ*km	Conductor resistance at 20 ℃(Ω/km)	
		$KVVP_{22}$		$KVVP_{2-22}$				
		Min.	Max	Min.	Max		KVVR	KVVRP
2×0.5	0.6	6.4	8.1	74	9.3	0.013	39	39
2×0.75	0.6	6.7	8.5	7.7	9.7	0.011	26	26
2×1.0	0.6	7	8.8	8	10	0.01	19.5	19.5
2×1.5	0.7	7.9	9.9	8.9	11.1	0.01	13.3	13.3
2×2.5	0.8	9.1	11.4	10.1	12.6	0.009	7.98	7.98
3×0.5	0.6	6.8	8.5	7.8	9.7	0.013	39	39
3×0.75	0.6	7.1	8.9	8.1	10.1	0.011	26	26
3×10	0.6	7.4	9.3	8.4	10.5	0.01	19.5	19.5
3×15	0.7	8.3	10.4	9.3	11.6	0.01	13.3	13.3
3×25	0.8	9.7	12	10.7	132	0.009	7.98	7.98
4×0.5	0.6	7.3	9.2	8.3	104	0.013	39	39
4×0.75	0.6	7.6	9.6	8.6	10.8	0.011	26	26
4×1.0	0.6	8	10	9	112	0.01	19.5	19.5
4×15	0.7	9	11.3	10	125	0.01	13.3	13.3
4×25	0.8	10.5	13.1	11.5	14.3	0.009	7.98	7.98
5×0.5	0.6	7.9	9.9	8.9	11.1	0.013	39	39
5×0.75	0.6	8.3	10.3	9.3	11.6	0.011	26	26
5×10	0.6	8.6	10.8	9.7	12	0.01	19.5	19.5
5×15	0.7	9.8	122	10.8	13.4	0.01	13.3	13.3
5×25	0.8	11.5	14.3	13.3	16.5	0.009	7.98	7.98
7×0.5	0.6	8.5	10.6	9.5	11.8	0.013	39	39
7×0.75	0.6	8.9	11.1	9.9	12.4	0.011	26	26
7×1.0	0.6	9.3	11.7	10.4	12.9	0.01	19.5	19.5
7×1.5	0.7	10.6	132	122	15.1	0.01	13.3	13.3
7×2.5	0.8	13.1	16.2	14.3	17.7	0.009	7.98	7.98
8×05	0.6	9.4	11.7	10.4	130	0.013	39	39
8×0.75	0.6	9.9	12.3	10.9	13.6	0.011	26	26
8×1.0	0.6	10.4	12.9	11.4	14.2	0.01	19.5	19.5
8×1.5	0.7	12.5	15.4	13.7	16.9	0.01	13.3	13.3
8×25	0.8	14.6	18	15.9	19.5	0.009	7.98	7.98
10×0.5	0.6	10.5	13.1	11.6	14.3	0.013	39	39

No×section (mm²)	Insulation thickness (mm)	Average dia.				Min.insulation resistance MΩ*km	Conductor resistance at 20 °C(Ω/km)	
		KVVP22		KVVP2-22				
		Min.	Max	Min.	Max		KVVR	KVVRP
10×0.75	0.6	11.1	13.8	12.7	15.7	0.011	26	26
10×1.0	0.6	127	152	13.5	16.7	0.01	19.5	19.5
10×1.5	0.7	14	17.3	15.3	18.8	0.01	13.3	13.3
10×2.5	0.8	16.5	20.3	17.7	21.B	0.009	7.98	7.98
12×0.5	0.6	10.9	13.5	125	15.4	0.013	39	39
12×0.75	0.6	11.5	142	13.3	16.4	0.011	26	26
12×1.0	0.6	12.7	15.7	13.9	17.2	0.01	19.5	19.5
12×15	0.7	14.4	17.8	15.7	193	0.01	13.3	13.3
12×2.5	0.8	17	21	18.7	22.9	0.009	7.98	7.98
14×0.5	0.6	11.4	14.1	13.2	16.3	0.013	39	39
14×0.75	0.6	126	15.6	13.9	17.1	0.011	26	26
14×1.0	0.6	13.2	16.4	14.5	17.9	0.01	19.5	19.5
14×1.5	0.7	15.1	18.7	16.4	20.2	0.01	13.3	13.3
14×25	0.8	17.9	22	19.5	24	0.009	7.98	7.98
16×0.5	0.6	12.6	15.5	138	171	0.013	39	39
16×0.75	0.6	13.2	16.4	14.5	17.9	0.011	26	26
16×1.0	0.6	13.9	172	152	18.7	0.01	19.5	19.5
16×1.5	0.7	16	19.6	172	21.1	0.01	13.3	13.3
16×2.5	0.8	19.3	23.6	20.5	25.2	0.009	7.98	7.98
19×0.5	0.6	13.2	16.3	14.4	17.8	0.013	39	39
19×0.75	0.6	13.9	17.2	15.2	18.7	0.011	26	26
19×1.0	0.6	14.6	18	159	19.5	0.01	19.5	19.5
19×1.5	0.7	16.8	20.6	18.4	22.6	0.01	13.3	13.3
19×2.5	8	20.3	24.9	21.5	26.4	0.009	7.98	7.98
24×0.5	0.6	15.3	18.8	16.5	20.3	0.013	39	39
24×0.75	0.6	16.1	19.8	17.4	21.3	0.011	25	26
24×1.0	0.6	17	20.9	18.6	22.9	0.01	19.5	19.5
24×1.5	0.7	20	24.5	21.2	26	0.01	13.3	13.3
24×2.5	0.8	23.7	29	25.2	30.8	0.009	7.98	7.98
27×0.5	0.6	15.6	19.2	16.8	20.7	0.013	39	39
27×0.75	0.6	16.4	20.2	17.7	21.7	0.011	26	26
27×10	0.6	17.3	21.3	19	23.3	0.01	19.5	19.5
27×1.5	0.7	20.4	25	21.6	26.5	0.01	13.3	13.3
27×2.5	0.8	24.2	29.6	25.7	31.4	0.009	7.98	7.98
30×0.5	0.6	16.1	19.8	17.3	21.3	0.013	39	39
30×0.75	0.6	17	20.9	18.7	22.9	0.011	26	26
30×1.0	0.6	17.9	22	19.6	24	0.01	19.5	19.5
30×1.5	0.7	21.1	25.9	22.3	27.4	0.01	13.3	13.3
30×2.5	0.8	251	30.7	26.6	32.5	0.009	7.98	7.98
37×0.5	0.6	17.3	21.3	18.9	23.3	0.013	39	39

No×section (mm²)	Insulation thickness (mm)	Average dia.				Min.insulation resistance MΩ*km	Conductor resistance at 20 ℃(Ω/km)	
		KVVR		KVVRP				
		Min.	Max	Min.	Max		KVVR	KVVRP
37×0.75	0.6	18.7	23	20	24.5	0.011	26	26
37×1.0	0.6	19.7	24.2	21	25.7	0.01	19.5	19.5
37×1.5	0.7	22.7	27.8	24.2	29.6	0.01	13.3	13.3
37×2.5	0.8	27.7	33.8	29.2	35.6	0.009	7.98	7.98
44×0.5	0.6	19.8	24.2	21	25.8	0.013	39	39
44×0.75	0.6	20.9	25.6	22.2	27.1	0.011	26	26
44×1.0	0.6	22.1	27	23.6	28.8	0.01	19.5	19.5
44×1.5	0.7	25.5	31.2	27.6	33.7	0.01	13.3	13.3
44×2.5	0.8	31.1	37.9	33	40.2	0.009	7.98	7.98
48×0.5	0.6	20.1	24.6	21.3	26.1	0.013	39	39
4B×0.75	0.6	212	26	22.5	275	0.011	26	26
48×1.0	0.6	22.4	27.5	23.9	29.3	0.01	19.5	19.5
48×1.5	0.7	25.9	31.7	28	34.2	0.010	13.3	13.3
48×2.5	0.8	31.6	38.5	33.5	40.8	0.009	7.98	7.98
52×0.5	0.6	20.6	25.3	21.9	26.8	0.013	39	39.0
52×0.75	0.6	21H	26.7	23.1	28.2	0.011	26	26
52×1.0	0.6	23	28.2	24.5	30	0.01	19.5	19.5
52×1.5	0.7	26.7	32.6	–	–	0.01	13.3	–
52×25	0.8	329	40.1	–	–	0.009	7.98	–
61×0.5	0.6	21.8	26.7	23.1	28.2	0.013	39	39
61×0.75	0.6	23.1	28.3	24.6	30.1	0.011	26	26
61×1.0	0.6	24	29.9	25.9	31.7	0.01	19.5	19.5
61×1.5	0.7	28.9	35.3	–	–	D.010	13.3	–
61×2.5	0.8	34.9	42.5	–	–	0.009	7.98	–