

INSTRUMENTATION

Cables



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Version 1-2021

EXCELLENCE IS JUST THE BEGINNING

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Company Introduction

Hengtong Cable Australia is part of the Hengtong Group of companies. Founded in 1991, Hengtong Group is an international company with a diverse range of areas covering, Optical Fibre, Power, Marine and Offshore Cable, EPC Turnkey service and maintenance, as well as internet of things, big data and e-commerce, emerging materials and new energy.

Hengtong Group has 70 wholly-owned companies and holding companies (some are listed on various Stock Exchanges: Shanghai, Hong Kong and Indonesia) with 9 manufacturing facilities based in Europe, South America, South Africa, South Asia and Southeast Asia. as well as sales offices in over 40 countries and regions around the world supplying products to over 150 countries.

Hengtong Group is the largest Optical Fibre and Power Cable manufacturer in China and the second largest in the world. It is also in the top 2 largest Optical Fibre communication producers. Hengtong is implementing and transforming to intelligent manufacturing, to make it the most advanced cable manufacturer in the world.

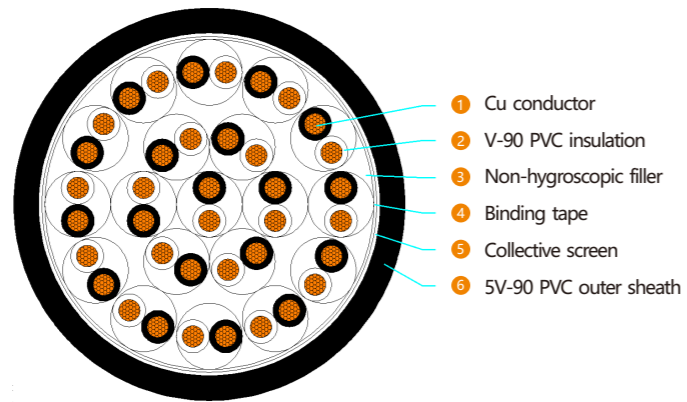
Hengtong High Voltage Park, lays claim to the tallest VCV tower in the world, standing at an incredible 180m high. It currently houses 6 TROESTER VCV extruders.

Committing to innovation and social responsibility is at the heart of Hengtong. Hengtong has donated more than 700M RMB to local charities.

Hengtong Group has an annual turnover of AUD \$24 Billion and employs some 20,000 people. Hengtong Group has a factory area of 200,000,000m² in China and 400,000m² internationally thus allowing Hengtong Cable Australia the ability to supply projects of any size and type.



PVC/AL-PET/PVC Overall Screened Pairs



Properties:

Referenced standard	BS EN 502887
Rated voltages	300V, 500V
Max. operating temperature of conductor	70°C

Application:

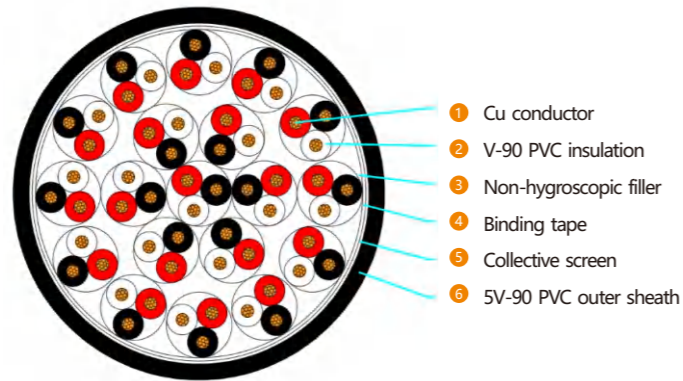
Suitable to be used in duct, cable tray or conduit for control, communication, data (analog/digital) and voice transmission signals.

Structural Parameters:

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
2	0.5	7/0.30	0.44	0.9	12.3	116	70
3	0.5	7/0.30	0.44	1.0	13.1	141	80
4	0.5	7/0.30	0.44	1.0	14.1	170	80
5	0.5	7/0.30	0.44	1.0	15.2	201	90
6	0.5	7/0.30	0.44	1.1	16.5	226	100
7	0.5	7/0.30	0.44	1.1	16.5	235	100
8	0.5	7/0.30	0.44	1.1	18.2	273	110
10	0.5	7/0.30	0.44	1.2	20.5	342	120
12	0.5	7/0.30	0.44	1.2	21.1	375	130
15	0.5	7/0.30	0.44	1.2	23.2	456	140
20	0.5	7/0.30	0.44	1.3	25.8	596	230
30	0.5	7/0.30	0.44	1.4	30.1	824	270
2	0.75	7/0.37	0.44	1.0	13.0	137	80
3	0.75	7/0.37	0.44	1.0	13.6	162	80
4	0.75	7/0.37	0.44	1.0	14.7	197	90

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
5	0.75	7/0.37	0.44	1.1	16.0	240	100
6	0.75	7/0.37	0.44	1.1	17.3	265	100
7	0.75	7/0.37	0.44	1.1	17.3	277	100
8	0.75	7/0.37	0.44	1.1	19.1	321	110
10	0.75	7/0.37	0.44	1.2	21.5	404	130
12	0.75	7/0.37	0.44	1.2	22.2	445	130
15	0.75	7/0.37	0.44	1.3	24.6	555	150
20	0.75	7/0.37	0.44	1.4	27.3	725	250
30	0.75	7/0.37	0.44	1.5	31.9	1008	290
2	1.0	7/0.40	0.44	1.0	13.6	156	80
3	1.0	7/0.40	0.44	1.0	14.3	187	90
4	1.0	7/0.40	0.44	1.0	15.4	229	90
5	1.0	7/0.40	0.44	1.1	16.8	280	100
6	1.0	7/0.40	0.44	1.1	18.1	309	110
7	1.0	7/0.40	0.44	1.1	18.1	326	110
8	1.0	7/0.40	0.44	1.2	20.3	387	120
10	1.0	7/0.40	0.44	1.2	22.7	476	140
12	1.0	7/0.40	0.44	1.3	23.6	538	140
15	1.0	7/0.40	0.44	1.3	26.0	658	230
20	1.0	7/0.40	0.44	1.4	28.9	864	260
30	1.0	7/0.40	0.44	1.6	34.0	1223	310
2	1.5	7/0.50	0.44	1.0	14.5	188	90
3	1.5	7/0.50	0.44	1.1	16.9	314	100
4	1.5	7/0.50	0.44	1.1	18.3	392	110
5	1.5	7/0.50	0.44	1.2	20.0	482	120
6	1.5	7/0.50	0.44	1.2	21.7	542	130
7	1.5	7/0.50	0.44	1.4	26.9	798	240
8	1.5	7/0.50	0.44	1.5	30.3	936	270
10	1.5	7/0.50	0.44	1.6	34.4	1172	310
12	1.5	7/0.50	0.44	1.3	25.4	685	230
15	1.5	7/0.50	0.44	1.4	28.2	854	250
20	1.5	7/0.50	0.44	1.5	31.5	1123	280
30	1.5	7/0.50	0.44	1.7	37.1	1597	330
2	2.5	7/0.67	0.53	1.1	16.8	269	100
3	2.5	7/0.67	0.53	1.1	17.7	333	110
4	2.5	7/0.67	0.53	1.2	19.5	422	120
5	2.5	7/0.67	0.53	1.2	21.1	509	130
6	2.5	7/0.67	0.53	1.3	23.1	578	140
7	2.5	7/0.67	0.53	1.3	23.1	617	140
8	2.5	7/0.67	0.53	1.4	25.9	727	230
10	2.5	7/0.67	0.53	1.5	29.3	913	260
12	2.5	7/0.67	0.53	1.5	30.3	1025	270
15	2.5	7/0.67	0.53	1.6	33.6	1278	300
20	2.5	7/0.67	0.53	1.7	37.5	1684	340
30	2.5	7/0.67	0.53	2.1	50.3	3487	450

PVC/AL-PET/PVC Overall Screened Triads



Properties:

Referenced standard	BS EN 502887
Rated voltages	300V, 500V
Max. operating temperature of conductor	70°C

Application:

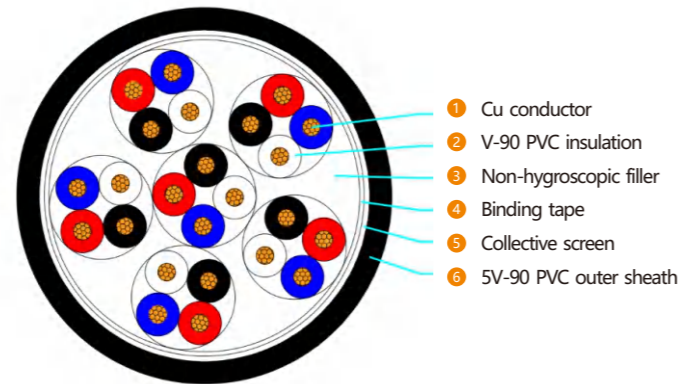
Suitable to be used in duct, cable tray or conduit for control, communication, data (analog/digital) and voice transmission signals.

Structural Parameters:

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
2	0.5	7/0.30	0.44	1.0	13.6	151	80
3	0.5	7/0.30	0.44	1.0	14.3	181	90
4	0.5	7/0.30	0.44	1.0	15.4	221	90
5	0.5	7/0.30	0.44	1.1	16.8	271	100
6	0.5	7/0.30	0.44	1.1	18.1	300	110
7	0.5	7/0.30	0.44	1.1	18.1	317	110
8	0.5	7/0.30	0.44	1.2	20.3	375	120
10	0.5	7/0.30	0.44	1.2	22.7	461	140
12	0.5	7/0.30	0.44	1.2	23.4	512	140
15	0.5	7/0.30	0.44	1.3	25.9	638	230
20	0.5	7/0.30	0.44	1.4	28.9	835	260
30	0.5	7/0.30	0.44	1.5	33.8	1169	300
2	0.75	7/0.37	0.44	1.0	14.1	173	80
3	0.75	7/0.37	0.44	1.0	14.9	211	90
4	0.75	7/0.37	0.44	1.1	16.3	266	100

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
5	0.75	7/0.37	0.44	1.1	17.6	319	110
6	0.75	7/0.37	0.44	1.1	19.0	355	110
7	0.75	7/0.37	0.44	1.1	19.0	378	110
8	0.75	7/0.37	0.44	1.2	21.2	447	130
10	0.75	7/0.37	0.44	1.3	24.0	560	140
12	0.75	7/0.37	0.44	1.3	24.7	627	150
15	0.75	7/0.37	0.44	1.4	27.4	780	250
20	0.75	7/0.37	0.44	1.5	30.5	1022	270
30	0.75	7/0.37	0.44	1.6	35.8	1438	320
2	1.0	7/0.40	0.44	1.0	14.8	199	90
3	1.0	7/0.40	0.44	1.0	15.6	246	90
4	1.0	7/0.40	0.44	1.1	17.1	312	100
5	1.0	7/0.40	0.44	1.1	18.5	375	110
6	1.0	7/0.40	0.44	1.2	20.2	427	120
7	1.0	7/0.40	0.44	1.2	20.2	458	120
8	1.0	7/0.40	0.44	1.2	22.4	530	130
10	1.0	7/0.40	0.44	1.3	25.3	665	230
12	1.0	7/0.40	0.44	1.3	26.1	747	240
15	1.0	7/0.40	0.44	1.4	29.0	931	260
20	1.0	7/0.40	0.44	1.5	32.3	1224	290
30	1.0	7/0.40	0.44	1.7	38.1	1749	340
2	1.5	7/0.50	0.44	1.1	16.0	251	100
3	1.5	7/0.50	0.44	1.1	16.9	314	100
4	1.5	7/0.50	0.44	1.1	18.3	392	110
5	1.5	7/0.50	0.44	1.2	20.0	482	120
6	1.5	7/0.50	0.44	1.2	21.7	542	130
7	1.5	7/0.50	0.44	1.2	21.7	585	130
8	1.5	7/0.50	0.44	1.3	24.3	688	150
10	1.5	7/0.50	0.44	1.4	27.5	863	250
12	1.5	7/0.50	0.44	1.4	28.4	976	260
15	1.5	7/0.50	0.44	1.5	31.6	1216	280
20	1.5	7/0.50	0.44	1.6	35.2	1602	320
30	1.5	7/0.50	0.44	1.8	41.5	2298	370
2	2.5	7/0.67	0.53	1.1	18.4	353	110
3	2.5	7/0.67	0.53	1.2	19.7	458	120
4	2.5	7/0.67	0.53	1.2	21.4	575	130
5	2.5	7/0.67	0.53	1.3	23.5	708	140
6	2.5	7/0.67	0.53	1.4	25.7	810	230
7	2.5	7/0.67	0.53	1.4	25.7	878	230
8	2.5	7/0.67	0.53	1.5	28.9	1029	260
10	2.5	7/0.67	0.53	1.6	32.8	1290	300
12	2.5	7/0.67	0.53	1.6	33.9	1465	300
15	2.5	7/0.67	0.53	1.7	37.7	1827	340
20	2.5	7/0.67	0.53	1.9	42.3	2429	380
30	2.5	7/0.67	0.53	2.1	5.3	3487	450

PVC/AL-PET/PVC Overall Screened Quads



Properties:

Referenced standard	BS EN 502887
Rated voltages	300V, 500V
Max. operating temperature of conductor	70°C

Application:

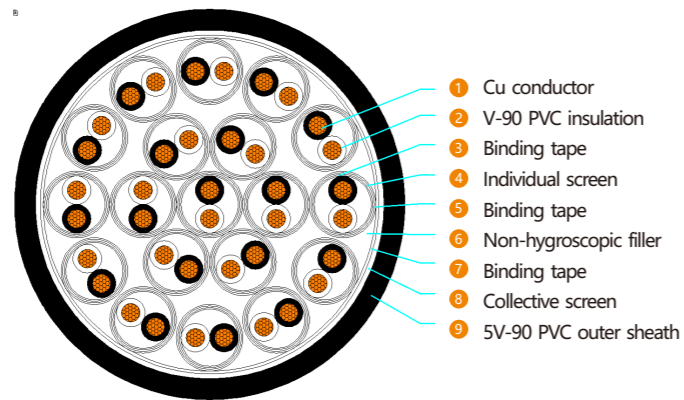
Suitable to be used in duct, cable tray or conduit for control, communication, data (analog/digital) and voice transmission signals.

Structural Parameters:

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
2	0.5	7/0.30	0.44	1.0	16.1	193	100
3	0.5	7/0.30	0.44	1.1	17.2	241	100
4	0.5	7/0.30	0.44	1.1	18.7	295	110
5	0.5	7/0.30	0.44	1.2	20.5	360	120
6	0.5	7/0.30	0.44	1.2	22.2	401	130
7	0.5	7/0.30	0.44	1.2	22.2	425	130
8	0.5	7/0.30	0.44	1.3	24.9	502	150
10	0.5	7/0.30	0.44	1.4	28.2	629	250
12	0.5	7/0.30	0.44	1.4	29.1	699	260
15	0.5	7/0.30	0.44	1.5	32.4	868	290
20	0.5	7/0.30	0.44	1.6	36.1	1133	320
30	0.5	7/0.30	0.44	1.8	42.6	1603	380
2	0.75	7/0.37	0.44	1.1	17.1	229	100
3	0.75	7/0.37	0.44	1.1	18.0	281	110
4	0.75	7/0.37	0.44	1.2	19.8	355	120

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
5	0.75	7/0.37	0.44	1.2	21.5	425	130
6	0.75	7/0.37	0.44	1.3	23.5	485	140
7	0.75	7/0.37	0.44	1.3	23.5	517	140
8	0.75	7/0.37	0.44	1.3	26.2	598	240
10	0.75	7/0.37	0.44	1.4	29.7	750	270
12	0.75	7/0.37	0.44	1.5	30.8	853	280
15	0.75	7/0.37	0.44	1.6	34.3	1059	310
20	0.75	7/0.37	0.44	1.7	38.2	1384	340
30	0.75	7/0.37	0.44	1.9	45.3	1967	410
2	1.0	7/0.40	0.44	1.1	17.9	264	110
3	1.0	7/0.40	0.44	1.1	19.0	328	110
4	1.0	7/0.40	0.44	1.2	20.8	416	120
5	1.0	7/0.40	0.44	1.2	22.6	500	140
6	1.0	7/0.40	0.44	1.3	24.8	572	150
7	1.0	7/0.40	0.44	1.3	24.8	614	150
8	1.0	7/0.40	0.44	1.4	27.9	722	250
10	1.0	7/0.40	0.44	1.5	31.6	904	280
12	1.0	7/0.40	0.44	1.5	32.6	1017	290
15	1.0	7/0.40	0.44	1.6	36.3	1264	330
20	1.0	7/0.40	0.44	1.7	40.6	1658	370
30	1.0	7/0.40	0.44	1.9	48.2	2366	430
2	1.5	7/0.50	0.44	1.2	19.4	333	120
3	1.5	7/0.50	0.44	1.2	20.6	420	120
4	1.5	7/0.50	0.44	1.3	22.6	533	140
5	1.5	7/0.50	0.44	1.3	24.6	644	150
6	1.5	7/0.50	0.44	1.4	26.9	738	240
7	1.5	7/0.50	0.44	1.4	26.9	798	240
8	1.5	7/0.50	0.44	1.5	30.3	936	270
10	1.5	7/0.50	0.44	1.6	34.4	1172	310
12	1.5	7/0.50	0.44	1.6	35.5	1326	320
15	1.5	7/0.50	0.44	1.8	39.8	1667	360
20	1.5	7/0.50	0.44	1.9	44.6	2187	400
30	1.5	7/0.50	0.44	2.1	53.0	3132	480
2	2.5	7/0.67	0.53	1.3	22.8	478	140
3	2.5	7/0.67	0.53	1.3	24.2	609	140
4	2.5	7/0.67	0.53	1.4	26.6	777	240
5	2.5	7/0.67	0.53	1.5	29.2	956	260
6	2.5	7/0.67	0.53	1.6	32.0	1095	290
7	2.5	7/0.67	0.53	1.6	32.0	1188	290
8	2.5	7/0.67	0.53	1.7	36.1	1391	330
10	2.5	7/0.67	0.53	1.8	41.1	1741	370
12	2.5	7/0.67	0.53	1.9	42.7	1997	380
15	2.5	7/0.67	0.53	2.0	47.8	2484	430
20	2.5	7/0.67	0.53	2.2	54.0	3290	490
30	2.5	7/0.67	0.53	2.5	64.5	4746	580

PVC/AL-PET/PVC Individual & Overall Screened Pairs



Properties:

Referenced standard	BS EN 502887
Rated voltages	300V, 500V
Max. operating temperature of conductor	70°C

Application:

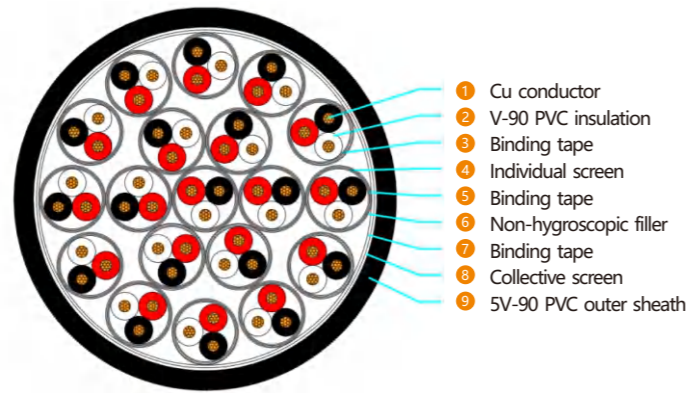
Suitable to be used in duct, cable tray or conduit for control, communication, data (analog/digital) and voice transmission signals.

Structural Parameters:

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
2	0.5	7/0.30	0.44	1.0	14.2	156	90
3	0.5	7/0.30	0.44	1.0	15.0	190	90
4	0.5	7/0.30	0.44	1.0	16.2	232	100
5	0.5	7/0.30	0.44	1.1	17.7	284	110
6	0.5	7/0.30	0.44	1.1	19.1	317	110
7	0.5	7/0.30	0.44	1.1	19.1	339	110
8	0.5	7/0.30	0.44	1.2	21.4	400	130
10	0.5	7/0.30	0.44	1.3	24.2	500	140
12	0.5	7/0.30	0.44	1.3	24.9	558	150
15	0.5	7/0.30	0.44	1.3	27.4	680	250
20	0.5	7/0.30	0.44	1.4	30.6	889	280
30	0.5	7/0.30	0.44	1.6	36.0	1266	320
2	0.75	7/0.37	0.44	1.0	14.7	174	90
3	0.75	7/0.37	0.44	1.0	15.5	213	90
4	0.75	7/0.37	0.44	1.1	17.0	268	100

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
5	0.75	7/0.37	0.44	1.1	18.4	320	110
6	0.75	7/0.37	0.44	1.2	20.1	367	120
7	0.75	7/0.37	0.44	1.2	20.1	392	120
8	0.75	7/0.37	0.44	1.2	22.3	453	130
10	0.75	7/0.37	0.44	1.3	25.2	567	230
12	0.75	7/0.37	0.44	1.3	26.0	636	230
15	0.75	7/0.37	0.44	1.4	28.9	789	260
20	0.75	7/0.37	0.44	1.5	32.2	1031	290
30	0.75	7/0.37	0.44	1.7	37.9	1470	340
2	1.0	7/0.40	0.44	1.0	15.4	194	90
3	1.0	7/0.40	0.44	1.1	16.4	246	100
4	1.0	7/0.40	0.44	1.1	17.8	303	110
5	1.0	7/0.40	0.44	1.1	19.3	363	120
6	1.0	7/0.40	0.44	1.2	21.0	416	130
7	1.0	7/0.40	0.44	1.2	21.0	446	130
8	1.0	7/0.40	0.44	1.3	23.6	525	140
10	1.0	7/0.40	0.44	1.3	26.5	646	240
12	1.0	7/0.40	0.44	1.4	27.5	738	250
15	1.0	7/0.40	0.44	1.4	30.4	903	270
20	1.0	7/0.40	0.44	1.5	33.9	1183	310
30	1.0	7/0.40	0.44	1.7	40.0	1691	360
2	1.5	7/0.50	0.44	1.1	16.5	235	100
3	1.5	7/0.50	0.44	1.1	17.5	293	100
4	1.5	7/0.50	0.44	1.1	18.9	363	110
5	1.5	7/0.50	0.44	1.2	20.8	446	120
6	1.5	7/0.50	0.44	1.2	22.5	502	130
7	1.5	7/0.50	0.44	1.2	22.5	540	130
8	1.5	7/0.50	0.44	1.3	25.3	635	230
10	1.5	7/0.50	0.44	1.4	28.6	796	260
12	1.5	7/0.50	0.44	1.5	29.7	910	270
15	1.5	7/0.50	0.44	1.5	32.8	1116	300
20	1.5	7/0.50	0.44	1.7	36.9	1480	330
30	1.5	7/0.50	0.44	1.9	43.5	2115	390
2	2.5	7/0.67	0.53	1.2	19.0	323	110
3	2.5	7/0.67	0.53	1.2	20.2	405	120
4	2.5	7/0.67	0.53	1.2	21.9	505	130
5	2.5	7/0.67	0.53	1.3	24.1	621	140
6	2.5	7/0.67	0.53	1.4	26.3	710	240
7	2.5	7/0.67	0.53	1.4	26.3	765	240
8	2.5	7/0.67	0.53	1.5	29.7	898	270
10	2.5	7/0.67	0.53	1.6	33.6	1125	300
12	2.5	7/0.67	0.53	1.6	34.7	1271	310
15	2.5	7/0.67	0.53	1.7	38.7	1581	350
20	2.5	7/0.67	0.53	1.9	43.5	2097	390
30	2.5	7/0.67	0.53	2.1	51.7	2998	470

PVC/AL-PET/PVC Individual & Overall Screened Triads



Properties:

Referenced standard	BS EN 502887
Rated voltages	300V, 500V
Max. operating temperature of conductor	70°C

Application:

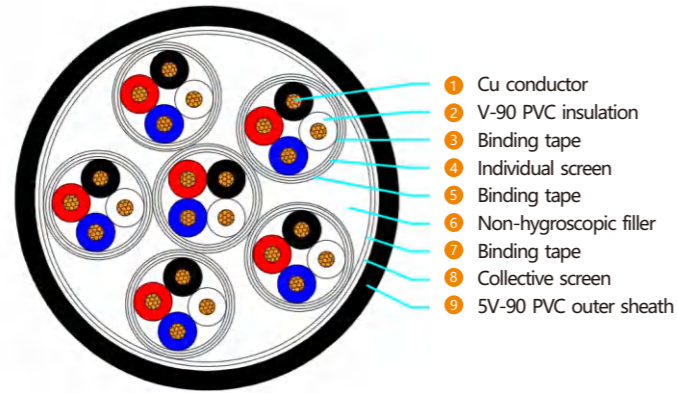
Suitable to be used in duct, cable tray or conduit for control, communication, data (analog/digital) and voice transmission signals.

Structural Parameters:

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
2	0.5	7/0.30	0.44	1.0	15.4	189	90
3	0.5	7/0.30	0.44	1.0	16.3	233	100
4	0.5	7/0.30	0.44	1.1	17.8	294	110
5	0.5	7/0.30	0.44	1.1	19.3	352	120
6	0.5	7/0.30	0.44	1.2	21.1	405	130
7	0.5	7/0.30	0.44	1.2	21.1	435	130
8	0.5	7/0.30	0.44	1.2	23.5	502	140
10	0.5	7/0.30	0.44	1.3	26.6	628	240
12	0.5	7/0.30	0.44	1.3	27.5	706	250
15	0.5	7/0.30	0.44	1.4	30.5	877	270
20	0.5	7/0.30	0.44	1.5	34.0	1147	310
30	0.5	7/0.30	0.44	1.7	40.2	1640	360
2	0.75	7/0.37	0.44	1.1	16.2	219	100
3	0.75	7/0.37	0.44	1.1	17.1	272	100
4	0.75	7/0.37	0.44	1.1	18.6	336	110

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
5	0.75	7/0.37	0.44	1.2	20.4	412	120
6	0.75	7/0.37	0.44	1.2	22.0	464	130
7	0.75	7/0.37	0.44	1.2	22.0	501	130
8	0.75	7/0.37	0.44	1.3	24.7	588	150
10	0.75	7/0.37	0.44	1.4	28.0	736	250
12	0.75	7/0.37	0.44	1.4	28.9	830	260
15	0.75	7/0.37	0.44	1.5	32.1	1031	290
20	0.75	7/0.37	0.44	1.6	35.9	1348	320
30	0.75	7/0.37	0.44	1.8	42.3	1931	380
2	1.0	7/0.40	0.44	1.1	17.0	247	100
3	1.0	7/0.40	0.44	1.1	17.9	309	110
4	1.0	7/0.40	0.44	1.1	19.5	384	120
5	1.0	7/0.40	0.44	1.2	21.3	472	130
6	1.0	7/0.40	0.44	1.2	23.1	533	140
7	1.0	7/0.40	0.44	1.2	23.1	577	140
8	1.0	7/0.40	0.44	1.3	26.0	677	230
10	1.0	7/0.40	0.44	1.4	29.5	848	270
12	1.0	7/0.40	0.44	1.5	30.6	973	280
15	1.0	7/0.40	0.44	1.5	33.9	1193	300
20	1.0	7/0.40	0.44	1.7	38.0	1581	340
30	1.0	7/0.40	0.44	1.8	44.8	2247	400
2	1.5	7/0.50	0.44	1.1	18.1	295	110
3	1.5	7/0.50	0.44	1.2	19.3	382	120
4	1.5	7/0.50	0.44	1.2	21.0	477	130
5	1.5	7/0.50	0.44	1.3	23.0	586	140
6	1.5	7/0.50	0.44	1.3	25.0	665	150
7	1.5	7/0.50	0.44	1.3	25.0	723	150
8	1.5	7/0.50	0.44	1.4	28.1	846	250
10	1.5	7/0.50	0.44	1.5	31.9	1059	290
12	1.5	7/0.50	0.44	1.6	33.1	1218	300
15	1.5	7/0.50	0.44	1.7	36.8	1513	330
20	1.5	7/0.50	0.44	1.8	41.1	1984	370
30	1.5	7/0.50	0.44	2.0	48.9	2852	440
2	2.5	7/0.67	0.53	1.2	20.9	412	130
3	2.5	7/0.67	0.53	1.3	22.4	536	130
4	2.5	7/0.67	0.53	1.3	24.4	674	150
5	2.5	7/0.67	0.53	1.4	26.8	829	240
6	2.5	7/0.67	0.53	1.5	29.3	953	260
7	2.5	7/0.67	0.53	1.5	29.3	1038	260
8	2.5	7/0.67	0.53	1.6	33.0	1214	300
10	2.5	7/0.67	0.53	1.7	37.5	1519	340
12	2.5	7/0.67	0.53	1.7	38.8	1730	350
15	2.5	7/0.67	0.53	1.9	43.5	2172	390
20	2.5	7/0.67	0.53	2.0	48.9	2855	440
30	2.5	7/0.67	0.53	2.3	58.4	4133	530

PVC/AL-PET/PVC Individual & Overall Screened Quads



Properties:

Referenced standard	BS EN 502887
Rated voltages	300V, 500V
Max. operating temperature of conductor	70°C

Application:

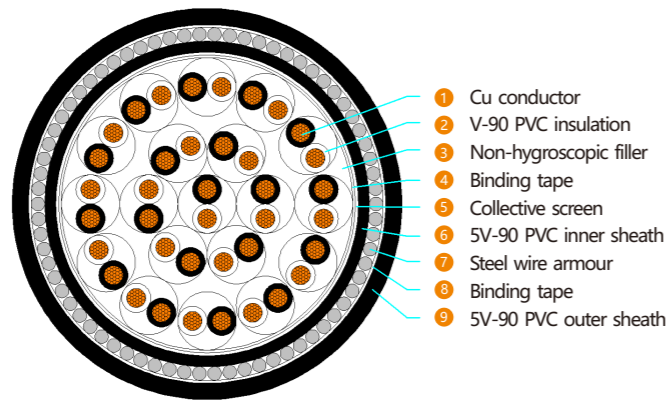
Suitable to be used in duct, cable tray or conduit for control, communication, data (analog/digital) and voice transmission signals.

Structural Parameters:

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
2	0.5	7/0.30	0.44	1.1	17.5	235	110
3	0.5	7/0.30	0.44	1.1	18.5	291	110
4	0.5	7/0.30	0.44	1.2	20.3	368	120
5	0.5	7/0.30	0.44	1.2	22.1	441	130
6	0.5	7/0.30	0.44	1.3	24.2	506	140
7	0.5	7/0.30	0.44	1.3	24.2	544	140
8	0.5	7/0.30	0.44	1.3	27.0	628	240
10	0.5	7/0.30	0.44	1.4	30.6	786	280
12	0.5	7/0.30	0.44	1.5	31.8	898	290
15	0.5	7/0.30	0.44	1.6	35.4	1114	320
20	0.5	7/0.30	0.44	1.7	39.5	1454	360
30	0.5	7/0.30	0.44	1.9	46.9	2074	420
2	0.75	7/0.37	0.44	1.1	18.3	266	110
3	0.75	7/0.37	0.44	1.1	19.3	333	120
4	0.75	7/0.37	0.44	1.2	21.2	423	130

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
5	0.75	7/0.37	0.44	1.3	23.3	518	140
6	0.75	7/0.37	0.44	1.3	25.3	585	230
7	0.75	7/0.37	0.44	1.3	25.3	632	230
8	0.75	7/0.37	0.44	1.4	28.4	741	260
10	0.75	7/0.37	0.44	1.5	32.3	927	290
12	0.75	7/0.37	0.44	1.5	33.3	1047	300
15	0.75	7/0.37	0.44	1.7	37.3	1316	340
20	0.75	7/0.37	0.44	1.8	41.6	1719	370
30	0.75	7/0.37	0.44	2.0	49.5	2458	450
2	1.0	7/0.40	0.44	1.1	19.1	303	110
3	1.0	7/0.40	0.44	1.2	20.5	391	120
4	1.0	7/0.40	0.44	1.2	22.3	486	130
5	1.0	7/0.40	0.44	1.3	24.5	597	150
6	1.0	7/0.40	0.44	1.3	26.6	676	240
7	1.0	7/0.40	0.44	1.3	26.6	733	240
8	1.0	7/0.40	0.44	1.4	29.9	859	270
10	1.0	7/0.40	0.44	1.6	34.2	1090	310
12	1.0	7/0.40	0.44	1.6	35.3	1234	320
15	1.0	7/0.40	0.44	1.7	39.3	1532	350
20	1.0	7/0.40	0.44	1.8	44.1	2008	400
30	1.0	7/0.40	0.44	2.1	52.7	2903	470
2	1.5	7/0.50	0.44	1.2	20.6	374	120
3	1.5	7/0.50	0.44	1.2	21.9	477	130
4	1.5	7/0.50	0.44	1.3	24.1	609	140
5	1.5	7/0.50	0.44	1.4	26.4	748	240
6	1.5	7/0.50	0.44	1.4	28.7	849	260
7	1.5	7/0.50	0.44	1.4	28.7	925	260
8	1.5	7/0.50	0.44	1.5	32.4	1082	290
10	1.5	7/0.50	0.44	1.7	37.0	1370	330
12	1.5	7/0.50	0.44	1.7	38.2	1558	340
15	1.5	7/0.50	0.44	1.8	42.6	1936	380
20	1.5	7/0.50	0.44	2.0	48.1	2562	430
30	1.5	7/0.50	0.44	2.2	57.3	3682	520
2	2.5	7/0.67	0.53	1.3	24.0	525	140
3	2.5	7/0.67	0.53	1.4	25.7	686	230
4	2.5	7/0.67	0.53	1.4	28.1	863	250
5	2.5	7/0.67	0.53	1.5	30.9	1063	280
6	2.5	7/0.67	0.53	1.6	33.8	1223	300
7	2.5	7/0.67	0.53	1.6	33.8	1335	300
8	2.5	7/0.67	0.53	1.7	38.2	1559	340
10	2.5	7/0.67	0.53	1.9	43.8	1970	390
12	2.5	7/0.67	0.53	1.9	45.3	2245	410
15	2.5	7/0.67	0.53	2.1	51.0	2815	460
20	2.5	7/0.67	0.53	2.3	57.6	3724	520
30	2.5	7/0.67	0.53	2.6	68.7	5382	620

PVC/AL-PET/PVC/SWA/PVC Overall Screened Pairs



- 1 Cu conductor
- 2 V-90 PVC insulation
- 3 Non-hygroscopic filler
- 4 Binding tape
- 5 Collective screen
- 6 5V-90 PVC inner sheath
- 7 Steel wire armour
- 8 Binding tape
- 9 5V-90 PVC outer sheath

Properties:

Referenced standard	BS EN 502887
Rated voltages	300V, 500V
Max. operating temperature of conductor	70°C

Application:

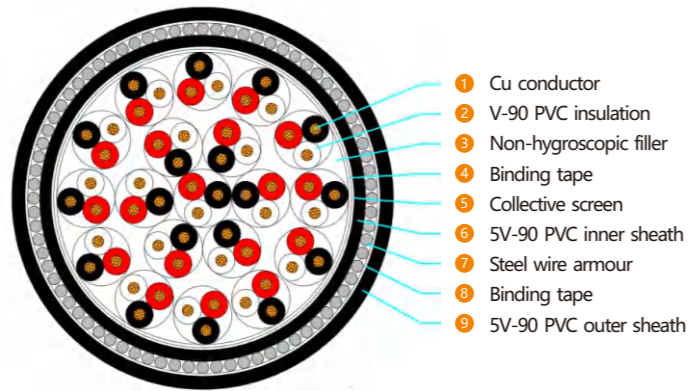
Suitable to be used in duct, cable tray or conduit for control, communication, data (analog/digital) and voice transmission signals.

Structural Parameters:

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of inner sheath mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
2	0.5	7/0.30	0.44	0.9	1.4	17.3	387	310
3	0.5	7/0.30	0.44	1.0	1.4	18.1	429	330
4	0.5	7/0.30	0.44	1.0	1.4	19.1	486	340
5	0.5	7/0.30	0.44	1.0	1.4	20.2	541	360
6	0.5	7/0.30	0.44	1.1	1.5	21.8	611	390
7	0.5	7/0.30	0.44	1.1	1.5	21.8	620	390
8	0.5	7/0.30	0.44	1.1	1.5	23.5	697	420
10	0.5	7/0.30	0.44	1.2	1.5	25.8	827	460
12	0.5	7/0.30	0.44	1.2	1.6	26.6	886	480
15	0.5	7/0.30	0.44	1.2	1.6	29.3	1159	530
20	0.5	7/0.30	0.44	1.3	1.7	32.2	1405	580
30	0.5	7/0.30	0.44	1.4	1.8	36.7	1788	660
2	0.75	7/0.37	0.44	1.0	1.4	18.0	424	320
3	0.75	7/0.37	0.44	1.0	1.4	18.7	464	340
4	0.75	7/0.37	0.44	1.0	1.4	19.7	528	360

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of inner sheath mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
5	0.75	7/0.37	0.44	1.1	1.5	21.3	611	380
6	0.75	7/0.37	0.44	1.1	1.5	22.5	666	400
7	0.75	7/0.37	0.44	1.1	1.5	22.5	679	400
8	0.75	7/0.37	0.44	1.1	1.5	24.3	769	440
10	0.75	7/0.37	0.44	1.2	1.6	27.7	1051	500
12	0.75	7/0.37	0.44	1.2	1.6	28.3	1119	510
15	0.75	7/0.37	0.44	1.3	1.7	30.9	1322	560
20	0.75	7/0.37	0.44	1.4	1.7	33.7	1578	610
30	0.75	7/0.37	0.44	1.5	1.8	38.5	2030	690
2	1.0	7/0.40	0.44	1.0	1.4	18.6	457	340
3	1.0	7/0.40	0.44	1.0	1.4	19.3	504	350
4	1.0	7/0.40	0.44	1.0	1.4	20.4	575	370
5	1.0	7/0.40	0.44	1.1	1.5	22.1	673	400
6	1.0	7/0.40	0.44	1.1	1.5	23.4	733	420
7	1.0	7/0.40	0.44	1.1	1.5	23.4	750	420
8	1.0	7/0.40	0.44	1.2	1.5	25.5	865	460
10	1.0	7/0.40	0.44	1.2	1.6	28.8	1164	520
12	1.0	7/0.40	0.44	1.3	1.6	29.7	1254	540
15	1.0	7/0.40	0.44	1.3	1.7	32.3	1469	580
20	1.0	7/0.40	0.44	1.4	1.7	35.2	1771	630
30	1.0	7/0.40	0.44	1.6	1.9	40.8	2333	730
2	1.5	7/0.50	0.44	1.0	1.4	19.5	512	350
3	1.5	7/0.50	0.44	1.0	1.4	20.3	571	360
4	1.5	7/0.50	0.44	1.1	1.5	21.9	677	390
5	1.5	7/0.50	0.44	1.1	1.5	23.3	767	420
6	1.5	7/0.50	0.44	1.2	1.5	24.9	858	450
7	1.5	7/0.50	0.44	1.2	1.5	24.9	883	450
8	1.5	7/0.50	0.44	1.2	1.6	28.0	1148	500
10	1.5	7/0.50	0.44	1.3	1.7	31.0	1382	560
12	1.5	7/0.50	0.44	1.3	1.7	31.8	1481	570
15	1.5	7/0.50	0.44	1.4	1.8	34.8	1750	630
20	1.5	7/0.50	0.44	1.5	1.8	38.0	2130	680
30	1.5	7/0.50	0.44	1.7	2.0	44.8	3061	810
2	2.5	7/0.67	0.53	1.1	1.5	22.0	656	400
3	2.5	7/0.67	0.53	1.1	1.5	23.0	749	410
4	2.5	7/0.67	0.53	1.2	1.5	24.7	878	440
5	2.5	7/0.67	0.53	1.2	1.6	27.2	1144	490
6	2.5	7/0.67	0.53	1.3	1.7	29.4	1291	530
7	2.5	7/0.67	0.53	1.3	1.7	29.4	1331	530
8	2.5	7/0.67	0.53	1.4	1.7	32.2	1537	580
10	2.5	7/0.67	0.53	1.5	1.8	35.9	1850	650
12	2.5	7/0.67	0.53	1.5	1.8	36.8	1991	660
15	2.5	7/0.67	0.53	1.6	1.9	41.1	2590	740
20	2.5	7/0.67	0.53	1.7	2.0	45.3	3170	820
30	2.5	7/0.67	0.53	1.9	2.2	52.8	4200	950

PVC/AL-PET/PVC/SWA/PVC Overall Screened Triads



Properties:

Referenced standard	BS EN 502887
Rated voltages	300V, 500V
Max. operating temperature of conductor	70°C

Application:

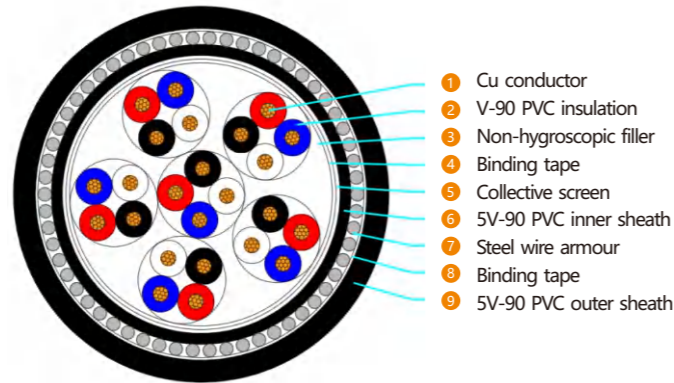
Suitable to be used in duct, cable tray or conduit for control, communication, data (analog/digital) and voice transmission signals.

Structural Parameters:

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of inner sheath mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
2	0.5	7/0.30	0.44	1.0	1.4	18.6	452	330
3	0.5	7/0.30	0.44	1.0	1.4	19.3	499	350
4	0.5	7/0.30	0.44	1.0	1.4	20.4	568	370
5	0.5	7/0.30	0.44	1.1	1.5	22.0	658	400
6	0.5	7/0.30	0.44	1.1	1.5	23.4	724	420
7	0.5	7/0.30	0.44	1.1	1.5	23.4	741	420
8	0.5	7/0.30	0.44	1.2	1.5	25.5	853	460
10	0.5	7/0.30	0.44	1.2	1.6	28.8	1149	520
12	0.5	7/0.30	0.44	1.2	1.6	29.5	1226	530
15	0.5	7/0.30	0.44	1.3	1.7	32.3	1448	580
20	0.5	7/0.30	0.44	1.4	1.7	35.2	1742	630
30	0.5	7/0.30	0.44	1.5	1.8	40.3	2249	730
2	0.75	7/0.37	0.44	1.0	1.4	19.2	489	340
3	0.75	7/0.37	0.44	1.0	1.4	19.9	543	360
4	0.75	7/0.37	0.44	1.1	1.5	21.5	644	390

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of inner sheath mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
5	0.75	7/0.37	0.44	1.1	1.5	22.8	728	410
6	0.75	7/0.37	0.44	1.1	1.5	24.2	796	440
7	0.75	7/0.37	0.44	1.1	1.5	24.2	819	440
8	0.75	7/0.37	0.44	1.2	1.6	27.4	1092	490
10	0.75	7/0.37	0.44	1.3	1.7	30.3	1303	550
12	0.75	7/0.37	0.44	1.3	1.7	31.1	1396	560
15	0.75	7/0.37	0.44	1.4	1.7	33.8	1634	610
20	0.75	7/0.37	0.44	1.5	1.8	37.1	2001	670
30	0.75	7/0.37	0.44	1.6	1.9	43.3	2838	780
2	1.0	7/0.40	0.44	1.0	1.4	19.8	531	360
3	1.0	7/0.40	0.44	1.0	1.4	20.6	599	370
4	1.0	7/0.40	0.44	1.1	1.5	22.3	706	400
5	1.0	7/0.40	0.44	1.1	1.5	23.7	807	430
6	1.0	7/0.40	0.44	1.2	1.5	25.4	899	460
7	1.0	7/0.40	0.44	1.2	1.5	25.4	929	460
8	1.0	7/0.40	0.44	1.2	1.6	28.5	1205	510
10	1.0	7/0.40	0.44	1.3	1.7	31.7	1449	570
12	1.0	7/0.40	0.44	1.3	1.7	32.5	1559	580
15	1.0	7/0.40	0.44	1.4	1.7	35.3	1840	640
20	1.0	7/0.40	0.44	1.5	1.8	38.9	2260	700
30	1.0	7/0.40	0.44	1.7	2.0	45.9	3258	830
2	1.5	7/0.50	0.44	1.1	1.5	21.2	621	380
3	1.5	7/0.50	0.44	1.1	1.5	22.1	707	400
4	1.5	7/0.50	0.44	1.1	1.5	23.5	817	420
5	1.5	7/0.50	0.44	1.2	1.6	25.5	963	460
6	1.5	7/0.50	0.44	1.2	1.6	27.8	1202	500
7	1.5	7/0.50	0.44	1.2	1.6	27.8	1245	500
8	1.5	7/0.50	0.44	1.3	1.7	30.7	1443	550
10	1.5	7/0.50	0.44	1.4	1.7	33.9	1728	610
12	1.5	7/0.50	0.44	1.4	1.8	35.0	1884	630
15	1.5	7/0.50	0.44	1.5	1.8	38.1	2225	690
20	1.5	7/0.50	0.44	1.6	1.9	42.7	2979	770
30	1.5	7/0.50	0.44	1.8	2.1	49.8	3963	900
2	2.5	7/0.67	0.53	1.1	1.5	23.7	785	430
3	2.5	7/0.67	0.53	1.2	1.6	25.1	931	450
4	2.5	7/0.67	0.53	1.2	1.6	27.6	1222	500
5	2.5	7/0.67	0.53	1.3	1.7	29.8	1436	540
6	2.5	7/0.67	0.53	1.4	1.7	32.1	1608	580
7	2.5	7/0.67	0.53	1.4	1.7	32.1	1676	580
8	2.5	7/0.67	0.53	1.5	1.8	35.5	1952	640
10	2.5	7/0.67	0.53	1.6	1.9	40.2	2561	720
12	2.5	7/0.67	0.53	1.6	1.9	41.3	2779	740
15	2.5	7/0.67	0.53	1.7	2.0	45.5	3315	820
20	2.5	7/0.67	0.53	1.9	2.1	50.5	4135	910
30	2.5	7/0.67	0.53	2.1	2.3	59.8	5919	1080

PVC/AL-PET/PVC/SWA/PVC Overall Screened Quads



- 1 Cu conductor
- 2 V-90 PVC insulation
- 3 Non-hygroscopic filler
- 4 Binding tape
- 5 Collective screen
- 6 5V-90 PVC inner sheath
- 7 Steel wire armour
- 8 Binding tape
- 9 5V-90 PVC outer sheath

Properties:

Referenced standard	BS EN 502887
Rated voltages	300V, 500V
Max. operating temperature of conductor	70°C

Application:

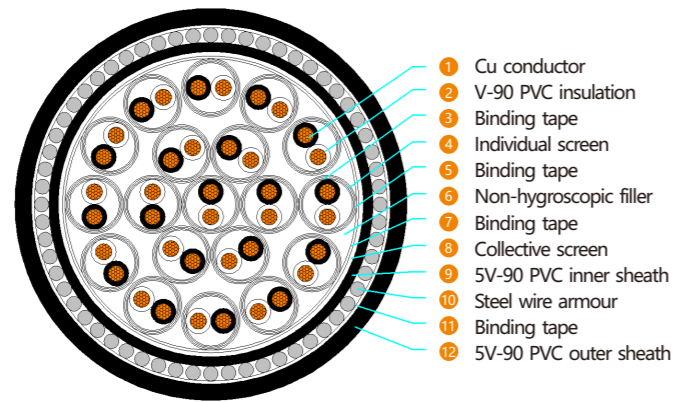
Suitable to be used in duct, cable tray or conduit for control, communication, data (analog/digital) and voice transmission signals.

Structural Parameters:

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of inner sheath mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
2	0.5	7/0.30	0.44	1.0	1.4	21.2	556	380
3	0.5	7/0.30	0.44	1.1	1.5	22.5	642	400
4	0.5	7/0.30	0.44	1.1	1.5	23.9	734	430
5	0.5	7/0.30	0.44	1.2	1.5	25.7	839	460
6	0.5	7/0.30	0.44	1.2	1.6	28.3	1074	510
7	0.5	7/0.30	0.44	1.2	1.6	28.3	1098	510
8	0.5	7/0.30	0.44	1.3	1.6	31.0	1259	560
10	0.5	7/0.30	0.44	1.4	1.7	34.5	1510	620
12	0.5	7/0.30	0.44	1.4	1.7	35.4	1608	640
15	0.5	7/0.30	0.44	1.5	1.8	38.9	1904	700
20	0.5	7/0.30	0.44	1.6	1.9	43.6	2535	790
30	0.5	7/0.30	0.44	1.8	2.0	50.6	3291	910
2	0.75	7/0.37	0.44	1.1	1.5	22.3	624	400
3	0.75	7/0.37	0.44	1.1	1.5	23.3	699	420
4	0.75	7/0.37	0.44	1.2	1.5	25.0	818	450

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of inner sheath mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
5	0.75	7/0.37	0.44	1.2	1.6	27.6	1072	500
6	0.75	7/0.37	0.44	1.3	1.6	29.6	1199	530
7	0.75	7/0.37	0.44	1.3	1.6	29.6	1232	530
8	0.75	7/0.37	0.44	1.3	1.7	32.5	1411	580
10	0.75	7/0.37	0.44	1.4	1.8	36.2	1700	650
12	0.75	7/0.37	0.44	1.5	1.8	37.4	1834	670
15	0.75	7/0.37	0.44	1.6	1.9	41.7	2394	750
20	0.75	7/0.37	0.44	1.7	2.0	46.1	2894	830
30	0.75	7/0.37	0.44	1.9	2.1	53.5	3787	960
2	1.0	7/0.40	0.44	1.1	1.5	23.2	682	420
3	1.0	7/0.40	0.44	1.1	1.5	24.2	775	440
4	1.0	7/0.40	0.44	1.2	1.6	26.3	919	470
5	1.0	7/0.40	0.44	1.2	1.6	28.8	1188	520
6	1.0	7/0.40	0.44	1.3	1.7	31.1	1341	560
7	1.0	7/0.40	0.44	1.3	1.7	31.1	1383	560
8	1.0	7/0.40	0.44	1.4	1.7	34.2	1590	620
10	1.0	7/0.40	0.44	1.5	1.8	38.1	1913	690
12	1.0	7/0.40	0.44	1.5	1.8	39.2	2066	710
15	1.0	7/0.40	0.44	1.6	1.9	43.8	2686	790
20	1.0	7/0.40	0.44	1.7	2.0	48.5	3275	870
30	1.0	7/0.40	0.44	1.9	2.2	57.5	4671	1030
2	1.5	7/0.50	0.44	1.2	1.5	24.7	789	440
3	1.5	7/0.50	0.44	1.2	1.6	26.0	916	470
4	1.5	7/0.50	0.44	1.3	1.6	28.7	1221	520
5	1.5	7/0.50	0.44	1.3	1.7	30.9	1412	560
6	1.5	7/0.50	0.44	1.4	1.7	33.3	1577	600
7	1.5	7/0.50	0.44	1.4	1.7	33.3	1637	600
8	1.5	7/0.50	0.44	1.5	1.8	36.9	1902	660
10	1.5	7/0.50	0.44	1.6	1.9	41.9	2508	750
12	1.5	7/0.50	0.44	1.6	1.9	43.0	2707	770
15	1.5	7/0.50	0.44	1.8	2.0	47.7	3243	860
20	1.5	7/0.50	0.44	1.9	2.1	52.8	3983	950
30	1.5	7/0.50	0.44	2.1	2.3	62.5	5697	1130
2	2.5	7/0.67	0.53	1.3	1.6	28.9	1167	520
3	2.5	7/0.67	0.53	1.3	1.7	30.5	1363	550
4	2.5	7/0.67	0.53	1.4	1.7	33.0	1604	590
5	2.5	7/0.67	0.53	1.5	1.8	35.8	1892	640
6	2.5	7/0.67	0.53	1.6	1.9	38.8	2135	700
7	2.5	7/0.67	0.53	1.6	1.9	38.8	2228	700
8	2.5	7/0.67	0.53	1.7	2.0	43.9	2813	790
10	2.5	7/0.67	0.53	1.8	2.1	49.3	3402	890
12	2.5	7/0.67	0.53	1.9	2.1	51.0	3708	920
15	2.5	7/0.67	0.53	2.0	2.2	57.1	4785	1030
20	2.5	7/0.67	0.53	2.2	2.4	63.7	5920	1150
30	2.5	7/0.67	0.53	2.5	2.6	75.6	8540	1360

PVC/AL-PET/PVC/SWA/PVC Individual & Overall Screened Pairs



Properties:

Referenced standard	BS EN 502887
Rated voltages	300V, 500V
Max. operating temperature of conductor	70°C

Application:

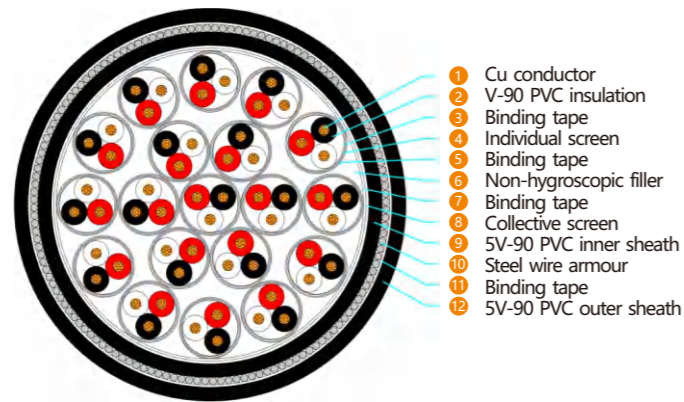
Suitable to be used in duct, cable tray or conduit for control, communication, data (analog/digital) and voice transmission signals.

Structural Parameters:

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of inner sheath mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
2	0.5	7/0.30	0.44	1.0	1.4	19.2	473	350
3	0.5	7/0.30	0.44	1.0	1.4	20.0	523	360
4	0.5	7/0.30	0.44	1.0	1.4	21.2	595	380
5	0.5	7/0.30	0.44	1.1	1.5	22.9	694	410
6	0.5	7/0.30	0.44	1.1	1.5	24.3	765	440
7	0.5	7/0.30	0.44	1.1	1.5	24.3	786	440
8	0.5	7/0.30	0.44	1.2	1.6	26.8	913	480
10	0.5	7/0.30	0.44	1.3	1.6	30.3	1241	550
12	0.5	7/0.30	0.44	1.3	1.6	31.0	1315	560
15	0.5	7/0.30	0.44	1.3	1.7	33.8	1534	610
20	0.5	7/0.30	0.44	1.4	1.8	37.1	1868	670
30	0.5	7/0.30	0.44	1.6	1.9	43.5	2668	780
2	0.75	7/0.37	0.44	1.0	1.4	19.8	505	360
3	0.75	7/0.37	0.44	1.0	1.4	20.6	560	370
4	0.75	7/0.37	0.44	1.1	1.5	22.3	662	400

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of inner sheath mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
5	0.75	7/0.37	0.44	1.1	1.5	23.6	752	430
6	0.75	7/0.37	0.44	1.2	1.5	25.3	838	460
7	0.75	7/0.37	0.44	1.2	1.5	25.3	863	460
8	0.75	7/0.37	0.44	1.2	1.6	28.4	1128	510
10	0.75	7/0.37	0.44	1.3	1.7	31.6	1351	570
12	0.75	7/0.37	0.44	1.3	1.7	32.4	1447	580
15	0.75	7/0.37	0.44	1.4	1.7	35.2	1697	630
20	0.75	7/0.37	0.44	1.5	1.8	38.7	2056	700
30	0.75	7/0.37	0.44	1.7	2.0	45.8	2977	820
2	1.0	7/0.40	0.44	1.0	1.4	20.4	541	370
3	1.0	7/0.40	0.44	1.1	1.5	21.7	625	390
4	1.0	7/0.40	0.44	1.1	1.5	23.0	719	410
5	1.0	7/0.40	0.44	1.1	1.5	24.5	817	440
6	1.0	7/0.40	0.44	1.2	1.6	26.5	922	480
7	1.0	7/0.40	0.44	1.2	1.6	26.5	952	480
8	1.0	7/0.40	0.44	1.3	1.6	29.7	1241	540
10	1.0	7/0.40	0.44	1.3	1.7	32.8	1471	590
12	1.0	7/0.40	0.44	1.4	1.7	33.9	1603	610
15	1.0	7/0.40	0.44	1.4	1.8	36.9	1870	660
20	1.0	7/0.40	0.44	1.5	1.8	40.4	2264	730
30	1.0	7/0.40	0.44	1.7	2.0	47.9	3269	860
2	1.5	7/0.50	0.44	1.1	1.5	21.8	621	390
3	1.5	7/0.50	0.44	1.1	1.5	22.7	701	410
4	1.5	7/0.50	0.44	1.1	1.5	24.2	804	440
5	1.5	7/0.50	0.44	1.2	1.6	26.2	943	470
6	1.5	7/0.50	0.44	1.2	1.6	28.6	1188	520
7	1.5	7/0.50	0.44	1.2	1.6	28.6	1227	520
8	1.5	7/0.50	0.44	1.3	1.7	31.6	1419	570
10	1.5	7/0.50	0.44	1.4	1.8	35.2	1706	630
12	1.5	7/0.50	0.44	1.5	1.8	36.3	1861	650
15	1.5	7/0.50	0.44	1.5	1.8	39.4	2167	710
20	1.5	7/0.50	0.44	1.7	2.0	44.6	2943	800
30	1.5	7/0.50	0.44	1.9	2.1	51.8	3868	930
2	2.5	7/0.67	0.53	1.2	1.5	24.3	770	440
3	2.5	7/0.67	0.53	1.2	1.6	25.6	887	460
4	2.5	7/0.67	0.53	1.2	1.6	28.1	1167	510
5	2.5	7/0.67	0.53	1.3	1.7	30.4	1364	550
6	2.5	7/0.67	0.53	1.4	1.7	32.7	1534	590
7	2.5	7/0.67	0.53	1.4	1.7	32.7	1589	590
8	2.5	7/0.67	0.53	1.5	1.8	36.2	1848	650
10	2.5	7/0.67	0.53	1.6	1.9	41.1	2437	740
12	2.5	7/0.67	0.53	1.6	1.9	42.2	2627	760
15	2.5	7/0.67	0.53	1.7	2.0	46.5	3113	840
20	2.5	7/0.67	0.53	1.9	2.1	51.7	3849	930
30	2.5	7/0.67	0.53	2.1	2.3	61.2	5497	1100

PVC/AL-PET/PVC/SWA/PVC Individual & Overall Screened Triads



Properties:

Referenced standard	BS EN 502887
Rated voltages	300V, 500V
Max. operating temperature of conductor	70°C

Application:

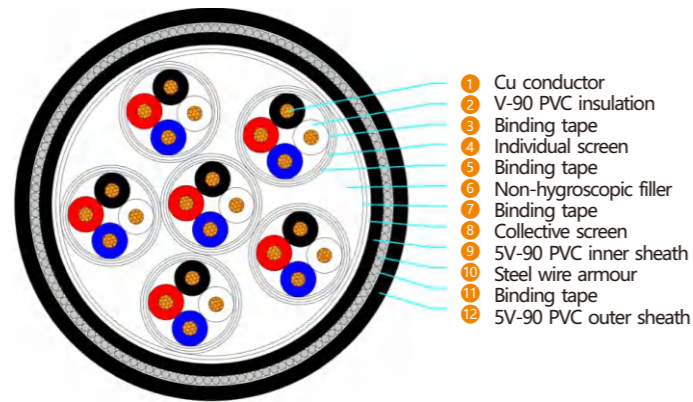
Suitable to be used in duct, cable tray or conduit for control, communication, data (analog/digital) and voice transmission signals.

Structural Parameters:

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of inner sheath mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
2	0.5	7/0.30	0.44	1.0	1.4	20.5	536	370
3	0.5	7/0.30	0.44	1.0	1.4	21.3	602	380
4	0.5	7/0.30	0.44	1.1	1.5	23.1	711	420
5	0.5	7/0.30	0.44	1.1	1.5	24.6	807	440
6	0.5	7/0.30	0.44	1.2	1.5	26.4	905	470
7	0.5	7/0.30	0.44	1.2	1.5	26.4	935	470
8	0.5	7/0.30	0.44	1.2	1.6	29.6	1217	530
10	0.5	7/0.30	0.44	1.3	1.7	32.9	1454	590
12	0.5	7/0.30	0.44	1.3	1.7	33.8	1560	610
15	0.5	7/0.30	0.44	1.4	1.8	37.0	1856	670
20	0.5	7/0.30	0.44	1.5	1.8	40.6	2239	730
30	0.5	7/0.30	0.44	1.7	2.0	48.1	3236	870
2	0.75	7/0.37	0.44	1.1	1.5	21.5	596	390
3	0.75	7/0.37	0.44	1.1	1.5	22.4	672	400
4	0.75	7/0.37	0.44	1.1	1.5	23.8	769	430

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of inner sheath mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
5	0.75	7/0.37	0.44	1.2	1.5	25.6	890	460
6	0.75	7/0.37	0.44	1.2	1.6	28.2	1137	510
7	0.75	7/0.37	0.44	1.2	1.6	28.2	1173	510
8	0.75	7/0.37	0.44	1.3	1.7	31.1	1358	560
10	0.75	7/0.37	0.44	1.4	1.7	34.4	1615	620
12	0.75	7/0.37	0.44	1.4	1.8	35.5	1753	640
15	0.75	7/0.37	0.44	1.5	1.8	38.7	2054	700
20	0.75	7/0.37	0.44	1.6	1.9	43.4	2749	780
30	0.75	7/0.37	0.44	1.8	2.1	50.6	3638	910
2	1.0	7/0.40	0.44	1.1	1.5	22.2	640	400
3	1.0	7/0.40	0.44	1.1	1.5	23.2	726	420
4	1.0	7/0.40	0.44	1.1	1.5	24.7	840	440
5	1.0	7/0.40	0.44	1.2	1.6	26.8	985	480
6	1.0	7/0.40	0.44	1.2	1.6	29.3	1235	530
7	1.0	7/0.40	0.44	1.2	1.6	29.3	1279	530
8	1.0	7/0.40	0.44	1.3	1.7	32.3	1488	580
10	1.0	7/0.40	0.44	1.4	1.8	36.0	1786	650
12	1.0	7/0.40	0.44	1.5	1.8	37.2	1952	670
15	1.0	7/0.40	0.44	1.5	1.8	40.4	2273	730
20	1.0	7/0.40	0.44	1.7	2.0	45.8	3089	820
30	1.0	7/0.40	0.44	1.8	2.1	53.0	4046	950
2	1.5	7/0.50	0.44	1.1	1.5	23.3	718	420
3	1.5	7/0.50	0.44	1.2	1.5	24.5	837	440
4	1.5	7/0.50	0.44	1.2	1.6	26.4	982	480
5	1.5	7/0.50	0.44	1.3	1.6	29.2	1287	520
6	1.5	7/0.50	0.44	1.3	1.7	31.3	1446	560
7	1.5	7/0.50	0.44	1.3	1.7	31.3	1504	560
8	1.5	7/0.50	0.44	1.4	1.7	34.4	1726	620
10	1.5	7/0.50	0.44	1.5	1.8	38.4	2081	690
12	1.5	7/0.50	0.44	1.6	1.9	39.9	2298	720
15	1.5	7/0.50	0.44	1.7	2.0	44.6	2975	800
20	1.5	7/0.50	0.44	1.8	2.1	49.3	3645	890
30	1.5	7/0.50	0.44	2.0	2.2	58.2	5190	1050
2	2.5	7/0.67	0.53	1.2	1.6	27.0	1044	490
3	2.5	7/0.67	0.53	1.3	1.6	28.5	1211	510
4	2.5	7/0.67	0.53	1.3	1.7	30.7	1429	550
5	2.5	7/0.67	0.53	1.4	1.7	33.1	1667	600
6	2.5	7/0.67	0.53	1.5	1.8	35.9	1890	650
7	2.5	7/0.67	0.53	1.5	1.8	35.9	1975	650
8	2.5	7/0.67	0.53	1.6	1.9	40.5	2503	730
10	2.5	7/0.67	0.53	1.7	2.0	45.3	3005	820
12	2.5	7/0.67	0.53	1.7	2.0	46.7	3262	840
15	2.5	7/0.67	0.53	1.9	2.1	51.7	3924	930
20	2.5	7/0.67	0.53	2.0	2.3	58.4	5218	1050
30	2.5	7/0.67	0.53	2.3	2.5	68.3	7025	1230

PVC/AL-PET/PVC/SWA/PVC Individual & Overall Screened Quads



Properties:

Referenced standard	BS EN 502887
Rated voltages	300V, 500V
Max. operating temperature of conductor	70°C

Application:

Suitable to be used in duct, cable tray or conduit for control, communication, data (analog/digital) and voice transmission signals.

Structural Parameters:

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of inner sheath mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
2	0.5	7/0.30	0.44	1.1	1.5	22.8	644	410
3	0.5	7/0.30	0.44	1.1	1.5	23.8	724	430
4	0.5	7/0.30	0.44	1.2	1.5	25.6	846	460
5	0.5	7/0.30	0.44	1.2	1.6	27.5	976	500
6	0.5	7/0.30	0.44	1.3	1.6	30.3	1248	550
7	0.5	7/0.30	0.44	1.3	1.6	30.3	1285	550
8	0.5	7/0.30	0.44	1.3	1.7	33.3	1468	600
10	0.5	7/0.30	0.44	1.4	1.8	37.1	1765	670
12	0.5	7/0.30	0.44	1.5	1.8	38.3	1919	690
15	0.5	7/0.30	0.44	1.6	1.9	42.1	2267	760
20	0.5	7/0.30	0.44	1.7	2.0	47.4	3027	850
30	0.5	7/0.30	0.44	1.9	2.1	55.1	3961	990
2	0.75	7/0.37	0.44	1.1	1.5	23.5	691	420
3	0.75	7/0.37	0.44	1.1	1.5	24.5	788	440
4	0.75	7/0.37	0.44	1.2	1.6	26.7	935	480

No. of pairs	Nominal conductor area mm ²	No. & diameter of conductor wire No./mm	Nominal thickness of insulation mm	Nominal thickness of inner sheath mm	Nominal thickness of outer sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Min. bending radius during installation mm
5	0.75	7/0.37	0.44	1.3	1.6	29.4	1231	530
6	0.75	7/0.37	0.44	1.3	1.7	31.6	1369	570
7	0.75	7/0.37	0.44	1.3	1.7	31.6	1415	570
8	0.75	7/0.37	0.44	1.4	1.7	34.8	1635	630
10	0.75	7/0.37	0.44	1.5	1.8	38.8	1962	700
12	0.75	7/0.37	0.44	1.5	1.8	39.9	2112	720
15	0.75	7/0.37	0.44	1.7	2.0	45.1	2799	810
20	0.75	7/0.37	0.44	1.8	2.0	49.6	3381	890
30	0.75	7/0.37	0.44	2.0	2.2	58.8	4829	1060
2	1.0	7/0.40	0.44	1.1	1.5	24.4	750	440
3	1.0	7/0.40	0.44	1.2	1.5	25.7	870	460
4	1.0	7/0.40	0.44	1.2	1.6	28.4	1161	510
5	1.0	7/0.40	0.44	1.3	1.6	30.6	1341	550
6	1.0	7/0.40	0.44	1.3	1.7	32.9	1502	590
7	1.0	7/0.40	0.44	1.3	1.7	32.9	1559	590
8	1.0	7/0.40	0.44	1.4	1.8	36.5	1812	660
10	1.0	7/0.40	0.44	1.6	1.9	40.9	2201	740
12	1.0	7/0.40	0.44	1.6	1.9	42.8	2612	770
15	1.0	7/0.40	0.44	1.7	2.0	47.2	3087	850
20	1.0	7/0.40	0.44	1.8	2.1	52.3	3782	940
30	1.0	7/0.40	0.44	2.1	2.3	62.2	5464	1120
2	1.5	7/0.50	0.44	1.2	1.6	26.1	871	470
3	1.5	7/0.50	0.44	1.2	1.6	28.0	1138	500
4	1.5	7/0.50	0.44	1.3	1.7	30.4	1352	550
5	1.5	7/0.50	0.44	1.4	1.7	32.8	1573	590
6	1.5	7/0.50	0.44	1.4	1.8	35.3	1760	630
7	1.5	7/0.50	0.44	1.4	1.8	35.3	1836	630
8	1.5	7/0.50	0.44	1.5	1.8	38.9	2119	700
10	1.5	7/0.50	0.44	1.7	2.0	44.8	2834	810
12	1.5	7/0.50	0.44	1.7	2.0	46.1	3068	830
15	1.5	7/0.50	0.44	1.8	2.1	50.9	3646	920
20	1.5	7/0.50	0.44	2.0	2.2	57.4	4866	1030
30	1.5	7/0.50	0.44	2.2	2.4	67.0	6479	1210
2	2.5	7/0.67	0.53	1.3	1.7	30.3	1267	550
3	2.5	7/0.67	0.53	1.4	1.7	32.0	1483	580
4	2.5	7/0.67	0.53	1.4	1.8	34.6	1758	620
5	2.5	7/0.67	0.53	1.5	1.8	37.4	2044	670
6	2.5	7/0.67	0.53	1.6	1.9	41.3	2536	740
7	2.5	7/0.67	0.53	1.6	1.9	41.3	2648	740
8	2.5	7/0.67	0.53	1.7	2.0	46.0	3069	830
10	2.5	7/0.67	0.53	1.9	2.1	52.0	3725	940
12	2.5	7/0.67	0.53	1.9	2.2	53.8	4089	970
15	2.5	7/0.67	0.53	2.1	2.3	60.5	5280	1090
20	2.5	7/0.67	0.53	2.3	2.4	67.3	6525	1210
30	2.5	7/0.67	0.53	2.6	2.7	80.1	9467	1440



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