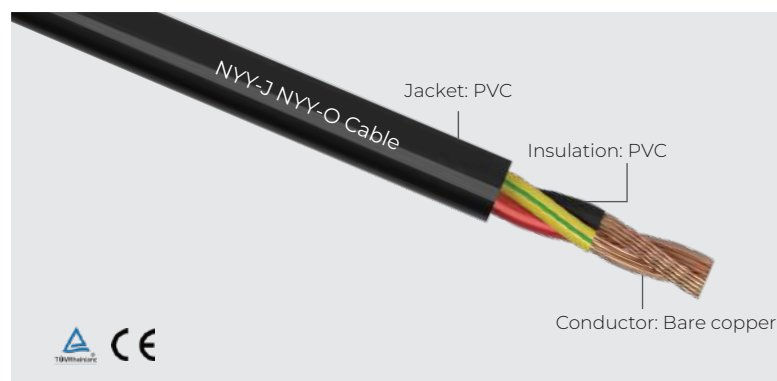


NYY-J NYY-O Cable



Advantage

- Easy to peel
- Easy to cut
- Direct burial
- EN60332-1-2
- More economical

Characteristics

- Temperature Rating**
-15°C to +70°C
- During Installation**
-5°C to +50°C
- Voltage Rating**
U₀/U 0.6/1 kV
- Test Voltage**
4000V AC
- According To**
IEC60502-1
- Certificate Number**
R 50587238
- "O": without protective conductor GN/YE**
- "J": with protective conductor GN/YE**

Cable Structure

- Conductor:** Class 5 flexible copper conductor
- Insulation:** PVC
- Core Identification Code:**
Up to 5 cores: colour coded acc. to VDE 0293-308
From 6 cores: black with white numbers
- Outer sheath:** PVC colour: black

Test Item

- Heat Shock Test** acc. to IEC60811-509
- Flame Retardant** acc. to IEC60332-1-2
- Direct Burial - 15 °C** acc. to IEC60811-504
- Water Absorption** acc. to IEC60811-402

Application

NYY are cables with an insulation and an outer sheathing of PVC, They are used for fixed installation in dry or damp rooms as well as outdoors, underground and under water. Multi core cables have a common core covering over the twisted cores or a filler.

1 Core

Cross Section (mm ²)	Conductor Stranded O.D. (mm)	Insulation Thickness (mm)	Jacket Thickness (mm)	Cable O.D. Ref. Range (mm)	Approximate Weight (kg/km)	Conductor Resistance Max (Ω/km, 20°C)
1x1.5	1.6	0.8	1.4	6.20±0.30	52	13.3
1x2.5	2.0	0.8	1.4	6.60±0.30	65	7.98
1x4	2.6	1.0	1.4	7.60±0.30	91	4.95
1x6	3.2	1.0	1.4	8.30±0.50	116	3.30
1x10	4.2	1.0	1.4	9.30±0.50	169	1.91
1x16	5.6	1.0	1.4	10.80±0.50	232	1.21
1x25	7.0	1.2	1.4	12.60±0.50	338	0.780
1x35	8.2	1.2	1.4	13.80±0.50	444	0.554
1x50	10.0	1.4	1.5	16.20±0.50	625	0.386
1x70	11.9	1.4	1.5	18.20±0.80	840	0.272
1x95	13.7	1.6	1.6	20.60±0.80	1095	0.206

NYY-J NYO Cable

2 Core

Cross Section (mm ²)	Conductor Stranded O.D. (mm)	Insulation Thickness (mm)	Jacket Thickness (mm)	Cable O.D. Ref. Range (mm)	Approximate Weight (kg/km)	Conductor Resistance Max (Ω/km, 20°C)
2x1.5	1.6	0.8	1.8	10.80±0.60	126	13.3
2x2.5	2.0	0.8	1.8	11.60±0.60	156	7.98
2x4	2.6	1.0	1.8	13.80±0.60	220	4.95
2x6	3.2	1.0	1.8	14.80±0.60	275	3.30
2x10	4.2	1.0	1.8	17.00±0.80	396	1.91
2x16	5.6	1.0	1.8	19.80±0.80	542	1.21
2x25	7.0	1.2	1.8	23.30±1.00	784	0.780
2x35	8.2	1.2	1.8	25.80±1.20	1021	0.554
2x50	10.0	1.4	1.93	30.60±1.20	1433	0.386
2x70	11.9	1.4	2.1	34.80±1.50	1939	0.272
2x95	13.7	1.6	2.22	39.60±1.50	2518	0.206

3 Core

Cross Section (mm ²)	Conductor Stranded O.D. (mm)	Insulation Thickness (mm)	Jacket Thickness (mm)	Cable O.D. Ref. Range (mm)	Approximate Weight (kg/km)	Conductor Resistance Max (Ω/km, 20°C)
3x1.5	1.6	0.8	1.8	11.30±0.60	151	13.3
3x2.5	2.0	0.8	1.8	12.20±0.60	192	7.98
3x4	2.6	1.0	1.8	14.30±0.60	275	4.95
3x6	3.2	1.0	1.8	15.50±0.60	352	3.30
3x10	4.2	1.0	1.8	17.80±0.80	520	1.91
3x16	5.6	1.0	1.8	20.70±0.80	719	1.21
3x25	7.0	1.2	1.8	24.60±1.00	1054	0.780
3x35	8.2	1.2	1.83	27.30±1.20	1392	0.554
3x50	10.0	1.4	2.0	32.70±1.20	1968	0.386
3x70	11.9	1.4	2.14	37.00±1.50	2670	0.272
3x95	13.7	1.6	2.32	42.00±1.50	3489	0.206

4 Core

Cross Section (mm ²)	Conductor Stranded O.D. (mm)	Insulation Thickness (mm)	Jacket Thickness (mm)	Cable O.D. Ref. Range (mm)	Approximate Weight (kg/km)	Conductor Resistance Max (Ω/km, 20°C)
4x1.5	1.6	0.8	1.8	12.10±0.60	182	13.3
4x2.5	2.0	0.8	1.8	13.20±0.60	233	7.98
4x4	2.6	1.0	1.8	15.50±0.60	340	4.95
4x6	3.2	1.0	1.8	16.90±0.60	439	3.30
4x10	4.2	1.0	1.8	19.50±0.80	657	1.91
4x16	5.6	1.0	1.8	22.80±0.80	915	1.21
4x25	7.0	1.2	1.82	27.20±1.00	1354	0.780
4x35	8.2	1.2	1.93	30.50±1.20	1807	0.554
4x50	10.0	1.4	2.12	36.20±1.20	2560	0.386
4x70	11.9	1.4	2.28	41.20±1.50	3483	0.272
4x95	13.7	1.6	2.48	46.80±1.50	4558	0.206

NYY-J NYY-O Cable

5 Core

Cross Section (mm ²)	Conductor Stranded O.D. (mm)	Insulation Thickness (mm)	Jacket Thickness (mm)	Cable O.D. Ref. Range (mm)	Approximate Weight (kg/km)	Conductor Resistance Max (Ω/km, 20°C)
5x1.5	1.6	0.8	1.8	13.00±0.60	213	13.3
5x2.5	2.0	0.8	1.8	14.20±0.60	276	7.98
5x4	2.6	1.0	1.8	16.80±0.60	407	4.95
5x6	3.2	1.0	1.8	18.40±0.60	529	3.30
5x10	4.2	1.0	1.8	21.20±0.80	798	1.91
5x16	5.6	1.0	1.8	24.90±0.80	1117	1.21
5x25	7.0	1.2	1.92	30.00±1.00	1674	0.780
5x35	8.2	1.2	2.04	33.60±1.20	2237	0.554
5x50	10.0	1.4	2.25	40.00±1.20	3172	0.386
5x70	11.9	1.4	2.43	45.60±1.50	4323	0.272
5x95	13.7	1.6	2.65	52.00±1.50	5660	0.206

6 Core

Cross Section (mm ²)	Conductor Stranded O.D. (mm)	Insulation Thickness (mm)	Jacket Thickness (mm)	Cable O.D. Ref. Range (mm)	Approximate Weight (kg/km)	Conductor Resistance Max (Ω/km, 20°C)
6x1.5	1.6	0.8	1.8	14.00±0.60	246	13.3
6x2.5	2.0	0.8	1.8	15.40±0.60	321	7.98
6x4	2.6	1.0	1.8	18.30±0.80	477	4.95
6x6	3.2	1.0	1.8	20.00±0.80	622	3.30
6x10	4.2	1.0	1.8	23.20±1.00	944	1.91
6x16	5.6	1.0	1.8	27.20±1.00	1325	1.21
6x25	7.0	1.2	2.02	33.00±1.20	2006	0.780
6x35	8.2	1.2	2.16	37.10±1.20	2685	0.554
6x50	10.0	1.4	2.39	44.20±1.50	3810	0.386
6x70	11.9	1.4	2.59	50.30±1.50	5196	0.272
6x95	13.7	1.6	2.84	57.50±1.80	6808	0.206

7 Core

Cross Section (mm ²)	Conductor Stranded O.D. (mm)	Insulation Thickness (mm)	Jacket Thickness (mm)	Cable O.D. Ref. Range (mm)	Approximate Weight (kg/km)	Conductor Resistance Max (Ω/km, 20°C)
7x1.5	1.6	0.8	1.8	14.00±0.60	257	13.3
7x2.5	2.0	0.8	1.8	15.40±0.60	339	7.98
7x4	2.6	1.0	1.8	18.30±0.80	506	4.95
7x6	3.2	1.0	1.8	20.00±0.80	667	3.30
7x10	4.2	1.0	1.8	23.20±1.00	1023	1.91
7x16	5.6	1.0	1.8	27.20±1.00	1438	1.21
7x25	7.0	1.2	2.02	33.00±1.20	2182	0.780
7x35	8.2	1.2	2.16	37.10±1.20	2932	0.554
7x50	10.0	1.4	2.39	44.20±1.50	4161	0.386
7x70	11.9	1.4	2.59	50.30±1.50	5694	0.272
7x95	13.7	1.6	2.84	57.50±1.80	7466	0.206

Note: Please refer to the above technical reference number for your reference, please check the technical section of our department for your request.