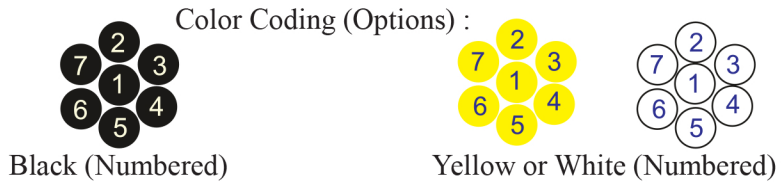


RE-YCY

IEC 60092-376 150/250 V (300 V)



Conductor Stranded (class 2) Plain annealed copper wires

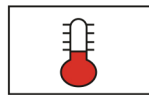


Insulation PVC

Cable Unit Core (Multi-Core Cable)

Collective (Overall) Screen Braid of Copper Wires

Outer Sheath Extruded PVC



+70 °C



IEC 60332-1



7.5x O.D



Screened

Criteria	Standard Values						Unit
	Nominal	0.5	0.75	1	1.5	2.5	
Conductor cross section	Nominal	0.5	0.75	1	1.5	2.5	mm ²
Conductor DC Resistance @ 20°C	max.	40.4	26	19.2	12.8	7.86	Ohm/kM
Insulation resistance	min.	100					MOhm x km
Mutual capacitance	max.	250					nF/km
L/R (ratio)	max.	25	25	25	40	60	microH/ Ohm
Test voltage :	for 5 minutes	1.5 kV A.C					K.V
core to core							
core to screen							
Operating voltage U(rms)		300					V

Nominal cross section area of conductor	Insulation thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm ²	mm	mm	mm	Kg/Km	meter
Conductor : 0.5 mm² (7x0.3 mm)					
2x0.5	0.6	1.0	7.0	65	1000
3x0.5	0.6	1.0	7.4	76	1000
4x0.5	0.6	1.0	7.9	91	1000
5x0.5	0.6	1.1	8.7	110	1000
6x0.5	0.6	1.1	9.3	123	1000
7x0.5	0.6	1.1	9.3	131	1000
8x0.5	0.6	1.1	10.6	151	1000
10x0.5	0.6	1.2	11.6	178	1000
12x0.5	0.6	1.2	12.0	198	1000
16x0.5	0.6	1.2	13.3	266	1000
20x0.5	0.6	1.3	14.8	324	1000
24x0.5	0.6	1.4	16.4	377	1000
30x0.5	0.6	1.4	17.3	443	1000
Conductor : 0.75 mm² (7x0.37 mm)					
2x0.75	0.6	1.0	7.4	73	1000
3x0.75	0.6	1.0	7.8	91	1000
4x0.75	0.6	1.1	8.6	109	1000
5x0.75	0.6	1.1	9.3	129	1000
6x0.75	0.6	1.1	9.9	148	1000
7x0.75	0.6	1.1	9.9	160	1000
8x0.75	0.6	1.2	11.5	185	1000
10x0.75	0.6	1.2	12.7	233	1000
12x0.75	0.6	1.2	13.1	266	1000
16x0.75	0.6	1.3	14.5	328	1000
20x0.75	0.6	1.3	16.0	392	1000
24x0.75	0.6	1.4	17.7	466	1000
30x0.75	0.6	1.4	18.9	577	1000

RE-YCY**IEC 60092-376 150/250 V (300 V)**

Nominal cross section area of conductor	Insulation thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm ²	mm	mm	mm	Kg/Km	meter
Conductor : 1.0 mm² (7x0.43 mm)					
2x1	0.6	1.0	7.8	85	1000
3x1	0.6	1.0	8.2	102	1000
4x1	0.6	1.1	9.0	128	1000
5x1	0.6	1.1	9.7	146	1000
6x1	0.6	1.1	10.5	169	1000
7x1	0.6	1.1	10.5	184	1000
8x1	0.6	1.2	12.4	231	1000
10x1	0.6	1.2	13.4	274	1000
12x1	0.6	1.2	13.8	307	1000
16x1	0.6	1.3	15.3	389	1000
20x1	0.6	1.4	17.1	474	1000
24x1	0.6	1.4	19.0	580	1000
30x1	0.6	1.5	20.2	686	1000
Conductor : 1.5 mm² (7x0.53 mm)					
2x1.5	0.7	1.1	9.0	112	1000
3x1.5	0.7	1.1	9.5	137	1000
4x1.5	0.7	1.1	10.3	167	1000
5x1.5	0.7	1.2	11.3	198	1000
6x1.5	0.7	1.2	12.4	245	1000
7x1.5	0.7	1.2	12.4	267	1000
8x1.5	0.7	1.3	14.4	314	1000
10x1.5	0.7	1.3	15.6	373	1000
12x1.5	0.7	1.3	16.1	420	1000
16x1.5	0.7	1.4	17.9	535	1000
20x1.5	0.7	1.5	20.2	681	1000
24x1.5	0.7	1.6	22.4	809	1000
30x1.5	0.7	1.6	23.6	953	1000

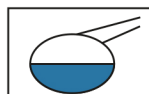
Nominal cross section area of conductor	Insulation thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm ²	mm	mm	mm	Kg/Km	meter
Conductor : 2.5 mm ² (7x0.67 mm)					
2x2.5	0.7	1.1	9.8	141	1000
3x2.5	0.7	1.1	10.4	176	1000
4x2.5	0.7	1.2	11.5	218	1000
5x2.5	0.7	1.2	12.7	275	1000
6x2.5	0.7	1.2	13.7	320	1000
7x2.5	0.7	1.2	13.7	352	1000
8x2.5	0.7	1.3	15.9	412	1000
10x2.5	0.7	1.4	17.5	502	1000
12x2.5	0.7	1.4	18.0	570	1000
16x2.5	0.7	1.5	20.3	755	1000
20x2.5	0.7	1.6	22.6	926	1000
24x2.5	0.7	1.6	24.9	1084	500
30x2.5	0.7	1.7	26.5	1303	500

Additional Options (by request)

A) Based on “PVC” Sheath



Reduced smoke PVC
Tested acc to ASTM E662 &
Improved Flame Retardant
acc to IEC 60332-3



Oil & Chemical
Resistant PVC Sheath
Acc to ICEA S-82-552
(Equal to NEMA WC55)



UV Resistant PVC Sheath
Acc to UL 1581-1200

B) Based on “Halogen Free” Construction Cable Type : RE-2XCH



Low Halogen Acid & Gas
acc to IEC 60754-1&2
IEC 60502 ST8



Low smoke
Acc to IEC 61034