

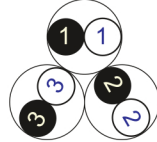
RE-YCY

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

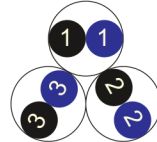


Conductor Stranded (class 2) Plain annealed copper wires

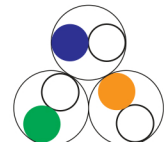
Color Coding (Options) :



Black,White (Numbered)



Black,Blue (Numbered)



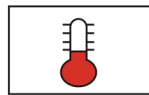
IEC 60708 Full color

Insulation PVC

Cable Unit Pair (Multi-Pair 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 :							
core to core	for 5 minutes	1.5 kV A.C					K.V
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)					
1x2x0.5	0.6	1.0	7.0	66	1000
2x2x0.5	0.6	1.1	9.9	113	1000
3x2x0.5	0.6	1.1	10.5	134	1000
4x2x0.5	0.6	1.2	11.6	162	1000
5x2x0.5	0.6	1.2	12.7	205	1000
6x2x0.5	0.6	1.3	14.0	243	1000
7x2x0.5	0.6	1.3	14.0	261	1000
10x2x0.5	0.6	1.4	17.6	362	1000
12x2x0.5	0.6	1.4	18.2	402	1000
16x2x0.5	0.6	1.5	20.5	531	1000
20x2x0.5	0.6	1.6	22.8	646	1000
24x2x0.5	0.6	1.7	25.3	760	500
30x2x0.5	0.6	1.7	26.7	883	500
Conductor : 0.75 mm² (7x0.37 mm)					
1x2x0.75	0.6	1.0	7.4	74	1000
2x2x0.75	0.6	1.1	10.6	129	1000
3x2x0.75	0.6	1.2	11.4	162	1000
4x2x0.75	0.6	1.2	12.6	211	1000
5x2x0.75	0.6	1.2	13.7	249	1000
6x2x0.75	0.6	1.3	15.0	294	1000
7x2x0.75	0.6	1.3	15.0	318	1000
10x2x0.75	0.6	1.4	19.2	467	1000
12x2x0.75	0.6	1.5	20.0	530	1000
16x2x0.75	0.6	1.5	22.1	657	1000
20x2x0.75	0.6	1.6	24.7	795	500
24x2x0.75	0.6	1.7	27.4	944	500
30x2x0.75	0.6	1.8	29.2	1120	500

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)					
1x2x1	0.6	1.0	7.8	86	1000
2x2x1	0.6	1.1	11.2	145	1000
3x2x1	0.6	1.2	12.3	203	1000
4x2x1	0.6	1.2	13.3	247	1000
5x2x1	0.6	1.3	14.7	298	1000
6x2x1	0.6	1.3	15.9	337	1000
7x2x1	0.6	1.3	15.9	367	1000
10x2x1	0.6	1.5	20.6	548	1000
12x2x1	0.6	1.5	21.3	614	1000
16x2x1	0.6	1.6	23.7	779	1000
20x2x1	0.6	1.7	26.4	946	500
24x2x1	0.6	1.8	29.4	1125	500
30x2x1	0.6	1.8	31.0	1327	500
Conductor : 1.5 mm² (7x0.53 mm)					
1x2x1.5	0.7	1.1	9.0	113	1000
2x2x1.5	0.7	1.2	13.3	215	1000
3x2x1.5	0.7	1.3	14.2	271	1000
4x2x1.5	0.7	1.3	15.5	332	1000
5x2x1.5	0.7	1.4	17.1	402	1000
6x2x1.5	0.7	1.4	18.6	458	1000
7x2x1.5	0.7	1.4	18.6	503	1000
10x2x1.5	0.7	1.6	24.1	748	1000
12x2x1.5	0.7	1.6	24.9	852	500
16x2x1.5	0.7	1.7	27.7	1086	500
20x2x1.5	0.7	1.9	31.2	1330	500
24x2x1.5	0.7	2.0	34.7	1597	500
30x2x1.5	0.7	2.1	36.9	1900	500

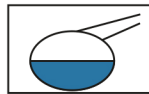
Nominal cross section area of conductor	Insulation thickness	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm ²	mm	mm	mm	Kg/Km	meter
Conductor : 2.5 mm ² (7x0.67 mm)					
1x2x2.5	0.7	1.1	9.8	142	1000
2x2x2.5	0.7	1.3	14.8	280	1000
3x2x2.5	0.7	1.3	15.7	351	1000
4x2x2.5	0.7	1.4	17.4	442	1000
5x2x2.5	0.7	1.4	19.2	553	1000
6x2x2.5	0.7	1.5	21.0	642	1000
7x2x2.5	0.7	1.5	21.0	707	1000
10x2x2.5	0.7	1.7	27.0	1003	500
12x2x2.5	0.7	1.7	27.9	1157	500
16x2x2.5	0.7	1.9	31.4	1483	500
20x2x2.5	0.7	2.0	35.1	1828	500
24x2x2.5	0.7	2.1	39.0	2154	500
30x2x2.5	0.7	2.2	41.5	2595	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