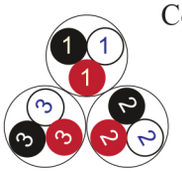
RE-YCY

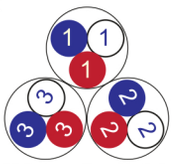
IEC 60092-376 150/250 V (300 V)

Conductor	Stranded (class 2) Plain annealed copper wires

Color Coding (Options) :

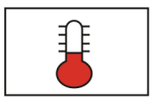


Black,White,Red (Numbered)



Blue,White,Red (Numbered)

Insulation	PVC
Cable Unit	Triple (Multi-Triple Cable)
Collective (Overall) Screen	Braid of Copper Wires
Outer Sheath	Extruded PVC



+70 ºC

IEC 60332-1

7.5x O.D

Screened

	Criteria	Standard Values					Unit
Conductor cross section	Nominal	0.5	0.75	1	1.5	2.5	mm²
Conductor DC Resistance @ 20ºC	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

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 : 0.5 mm^2 (7x0.3 mm)					
1x3x0.5	0.6	1.0	7.4	76	1000
2x3x0.5	0.6	1.1	10.9	136	1000
3x3x0.5	0.6	1.2	11.7	172	1000
4x3x0.5	0.6	1.2	12.9	231	1000
5x3x0.5	0.6	1.3	14.2	271	1000
6x3x0.5	0.6	1.3	15.4	314	1000
7x3x0.5	0.6	1.3	15.4	341	1000
10x3x0.5	0.6	1.5	20.0	509	1000
12x3x0.5	0.6	1.5	20.6	568	1000
16x3x0.5	0.6	1.6	22.9	718	1000
20x3x0.5	0.6	1.7	25.6	869	500
24x3x0.5	0.6	1.8	28.4	1033	500
30x3x0.5	0.6	1.8	30.0	1214	500
Conductor : 0.75 mm^2 (7x0.37 mm)					
1x3x0.75	0.6	1.0	7.8	91	1000
2x3x0.75	0.6	1.2	11.9	164	1000
3x3x0.75	0.6	1.2	12.8	224	1000
4x3x0.75	0.6	1.3	14.1	281	1000
5x3x0.75	0.6	1.3	15.3	332	1000
6x3x0.75	0.6	1.4	16.8	393	1000
7x3x0.75	0.6	1.4	16.8	429	1000
10x3x0.75	0.6	1.5	21.5	628	1000
12x3x0.75	0.6	1.6	22.4	717	1000
16x3x0.75	0.6	1.6	24.8	891	500
20x3x0.75	0.6	1.8	27.9	1104	500
24x3x0.75	0.6	1.9	31.0	1298	500
30x3x0.75	0.6	1.9	32.7	1538	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 mm^2 (7x0.43 mm)					
1x3x1	0.6	1.0	8.2	103	1000
2x3x1	0.6	1.2	12.7	206	1000
3x3x1	0.6	1.2	13.5	263	1000
4x3x1	0.6	1.3	14.9	330	1000
5x3x1	0.6	1.3	16.2	385	1000
6x3x1	0.6	1.4	17.8	456	1000
7x3x1	0.6	1.4	17.8	501	1000
10x3x1	0.6	1.6	23.1	743	1000
12x3x1	0.6	1.6	23.8	840	1000
16x3x1	0.6	1.7	26.5	1067	500
20x3x1	0.6	1.8	29.7	1309	500
24x3x1	0.6	1.9	33.0	1545	500
30x3x1	0.6	2.0	35.1	1878	500
Conductor : 1.5 mm^2 (7x0.53 mm)					
1x3x1.5	0.7	1.1	9.5	138	1000
2x3x1.5	0.7	1.3	14.8	283	1000
3x3x1.5	0.7	1.3	15.7	356	1000
4x3x1.5	0.7	1.4	17.4	449	1000
5x3x1.5	0.7	1.4	19.2	561	1000
6x3x1.5	0.7	1.5	21.0	652	1000
7x3x1.5	0.7	1.5	21.0	719	1000
10x3x1.5	0.7	1.7	27.0	1019	500
12x3x1.5	0.7	1.7	27.9	1177	500
16x3x1.5	0.7	1.9	31.3	1510	500
20x3x1.5	0.7	2.0	35.0	1862	500
24x3x1.5	0.7	2.1	39.0	2195	500
30x3x1.5	0.7	2.2	41.5	2646	500

RE-YCY

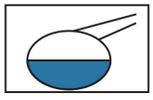
IEC 60092-376 150/250 V (300 V)

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 : 2.5 mm^2 (7x0.67 mm)					
1x3x2.5	0.7	1.1	10.4	178	1000
2x3x2.5	0.7	1.3	16.4	363	1000
3x3x2.5	0.7	1.4	17.6	477	1000
4x3x2.5	0.7	1.4	19.5	621	1000
5x3x2.5	0.7	1.5	21.5	756	1000
6x3x2.5	0.7	1.6	23.6	883	1000
7x3x2.5	0.7	1.6	23.6	980	1000
10x3x2.5	0.7	1.8	30.4	1393	500
12x3x2.5	0.7	1.9	31.6	1616	500
16x3x2.5	0.7	2.0	35.2	2090	500
20x3x2.5	0.7	2.1	39.4	2550	500
24x3x2.5	0.7	2.3	44.1	3055	500
30x3x2.5	0.7	2.4	46.9	3702	500

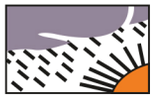
Additional Options (by request)

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