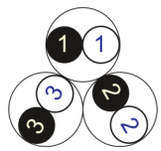
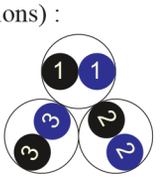
RE-YCY , PiMF

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

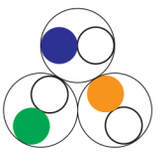
Conductor	Stranded (class 2) Plain annealed copper wires
Color Coding (Options) :	
Insulation	PVC
Cable Unit	Pair (Multi-Pair Cable)
Individual Element Screen	Polyester tape + Drain wire (Tinned copper) + Al.Polyester Tape + Polyester Tape
Collective (Overall) Screen	Braid of Copper wires
Outer Sheath	Extruded PVC



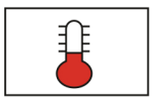
Black,White (Numbered)



Black,Blue (Numbered)



IEC 60708 Full color



+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 : core to core / core to screen	for 5 minutes			1.5 kV A.C			K.V
Operating voltage U(rms)				300			V

RE-YCY , PiMF

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)					
1x2x0.5	0.6	1.0	7.4	84	1000
2x2x0.5	0.6	1.2	11.3	157	1000
3x2x0.5	0.6	1.2	12.2	214	1000
4x2x0.5	0.6	1.2	13.3	262	1000
5x2x0.5	0.6	1.3	14.6	310	1000
6x2x0.5	0.6	1.3	15.8	361	1000
7x2x0.5	0.6	1.3	15.8	395	1000
10x2x0.5	0.6	1.5	20.5	587	1000
12x2x0.5	0.6	1.5	21.1	661	1000
16x2x0.5	0.6	1.6	23.5	841	1000
20x2x0.5	0.6	1.7	26.3	1023	500
24x2x0.5	0.6	1.8	29.2	1219	500
30x2x0.5	0.6	1.9	31.1	1458	500
Conductor : 0.75 mm^2 (7x0.37 mm)					
1x2x0.75	0.6	1.0	7.8	96	1000
2x2x0.75	0.6	1.2	12.3	194	1000
3x2x0.75	0.6	1.2	13.0	246	1000
4x2x0.75	0.6	1.3	14.4	301	1000
5x2x0.75	0.6	1.3	15.6	357	1000
6x2x0.75	0.6	1.4	17.1	423	1000
7x2x0.75	0.6	1.4	17.1	463	1000
10x2x0.75	0.6	1.5	22.0	678	1000
12x2x0.75	0.6	1.6	22.9	776	1000
16x2x0.75	0.6	1.7	25.5	982	500
20x2x0.75	0.6	1.8	28.5	1203	500
24x2x0.75	0.6	1.9	31.6	1417	500
30x2x0.75	0.6	2.0	33.6	1700	500

RE-YCY , PiMF

KCI

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)					
1x2x1	0.6	1.0	8.2	98	1000
2x2x1	0.6	1.2	12.9	206	1000
3x2x1	0.6	1.2	13.7	253	1000
4x2x1	0.6	1.3	15.1	316	1000
5x2x1	0.6	1.3	16.5	374	1000
6x2x1	0.6	1.4	18.1	434	1000
7x2x1	0.6	1.4	18.1	475	1000
10x2x1	0.6	1.6	23.5	707	1000
12x2x1	0.6	1.6	24.2	797	1000
16x2x1	0.6	1.7	27.0	1009	500
20x2x1	0.6	1.8	30.2	1237	500
24x2x1	0.6	1.9	33.6	1458	500
30x2x1	0.6	2.0	35.7	1768	500
Conductor : 1.5 mm^2 (7x0.53 mm)					
1x2x1.5	0.7	1.1	9.4	127	1000
2x2x1.5	0.7	1.3	14.9	263	1000
3x2x1.5	0.7	1.3	15.8	326	1000
4x2x1.5	0.7	1.4	17.5	408	1000
5x2x1.5	0.7	1.4	19.3	511	1000
6x2x1.5	0.7	1.5	21.2	591	1000
7x2x1.5	0.7	1.5	21.2	648	1000
10x2x1.5	0.7	1.7	27.2	918	500
12x2x1.5	0.7	1.7	28.1	1055	500
16x2x1.5	0.7	1.9	31.6	1347	500
20x2x1.5	0.7	2.0	35.3	1657	500
24x2x1.5	0.7	2.1	39.3	1950	500
30x2x1.5	0.7	2.2	41.8	2354	500

RE-YCY , PiMF

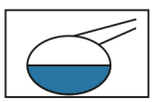
IEC 60092-376 150/250 V (300 V)

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)					
1x2x2.5	0.7	1.1	10.2	159	1000
2x2x2.5	0.7	1.3	16.4	328	1000
3x2x2.5	0.7	1.4	17.6	424	1000
4x2x2.5	0.7	1.4	19.5	551	1000
5x2x2.5	0.7	1.5	21.5	669	1000
6x2x2.5	0.7	1.6	23.6	778	1000
7x2x2.5	0.7	1.6	23.6	858	1000
10x2x2.5	0.7	1.8	30.4	1218	500
12x2x2.5	0.7	1.9	31.6	1406	500
16x2x2.5	0.7	2.0	35.3	1810	500
20x2x2.5	0.7	2.1	39.5	2200	500
24x2x2.5	0.7	2.3	44.2	2635	500
30x2x2.5	0.7	2.4	47.0	3177	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