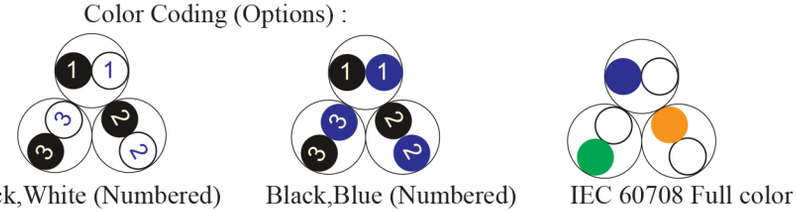
RE-2X(St)YKYRY

Fire Resistant EN 50288-7 (500 V)

Conductor	Stranded (class 2) Plain annealed copper wires
Color Coding (Options) :	
Insulation	Mica-glass Tape + XLPE
Cable Unit	Pair (Multi-Pair Cable)
Collective (Overall) Screen	Polyester tape + Drain wire (Tinned copper) + Al.Polyester Tape
Inner Covering	Extruded PVC
Metal Sheath	Lead Sheath (Cover)
Inner Covering (Bedding)	Extruded PVC
Armour	Galvanized Steel Wires
Outer Sheath	Extruded PVC



Black,White (Numbered) Black,Blue (Numbered) IEC 60708 Full color

+90 °C IEC 60332-1 IEC 60331 10x O.D Screened Armoured

	Criteria	Standard Values					Unit
Conductor cross section	Nominal	0.5	0.75	1	1.5	2.5	mm²
Conductor DC Resistance @ 20°C	max.	36.7	25.0	18.5	12.3	7.4	Ohm/kM
Insulation resistance	min.	1000					MOhm x km
Mutual capacitance	max.	150					nF/km
Capacitance unbalance	max.	500					pF/500m
L/R (ratio)	max.	25	25	25	40	60	microH/ Ohm
Test voltage : core to core / core to screen	for 1 minute	2.0 kV A.C or 3.0 kV D.C					K.V
Operating voltage U(rms)		500					V

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Nominal cross section area of conductor	Insulation thickness	Lead Sheath Thickness	Diameter Over Lead Sheath	Armour Wire Diameter	Diameter Under Armour	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm^2	mm	mm	mm	mm	mm	mm	mm	Kg/Km	meter
Conductor : 0.5 mm^2 (7x0.30 mm)									
1x2x0.5	0.6	0.9	9.2	0.9	9.4	1.4	14.0	565	1000
2x2x0.5	0.6	1.0	12.8	0.9	12.8	1.4	17.4	796	1000
3x2x0.5	0.6	1.0	13.4	0.9	13.4	1.5	18.2	859	1000
4x2x0.5	0.6	1.0	14.5	0.9	14.5	1.5	19.3	942	1000
5x2x0.5	0.6	1.0	15.7	0.9	15.7	1.5	20.5	1023	1000
6x2x0.5	0.6	1.1	17.2	0.9	17.0	1.5	21.8	1165	1000
7x2x0.5	0.6	1.1	17.2	0.9	17.0	1.5	21.8	1184	1000
10x2x0.5	0.6	1.1	21.4	1.25	21.2	1.6	26.9	1659	1000
12x2x0.5	0.6	1.2	22.3	1.25	21.9	1.7	27.8	1817	1000
16x2x0.5	0.6	1.2	24.6	1.25	24.2	1.7	30.1	2046	500
20x2x0.5	0.6	1.3	27.4	1.25	26.8	1.8	32.9	2388	500
24x2x0.5	0.6	1.3	30.3	1.6	29.7	1.8	36.5	2899	500
30x2x0.5	0.6	1.4	32.2	1.6	31.4	1.9	38.4	3246	500
Conductor : 0.75 mm^2 (7x0.37 mm)									
1x2x0.75	0.6	0.9	9.7	0.9	9.9	1.4	14.5	595	1000
2x2x0.75	0.6	1.0	13.4	0.9	13.4	1.5	18.2	860	1000
3x2x0.75	0.6	1.0	14.2	0.9	14.2	1.5	19.0	924	1000
4x2x0.75	0.6	1.0	15.4	0.9	15.4	1.5	20.2	1017	1000
5x2x0.75	0.6	1.1	16.8	0.9	16.6	1.5	21.4	1162	1000
6x2x0.75	0.6	1.1	18.2	0.9	18.0	1.6	23.0	1280	1000
7x2x0.75	0.6	1.1	18.2	0.9	18.0	1.6	23.0	1305	1000
10x2x0.75	0.6	1.2	23.0	1.25	22.6	1.7	28.5	1897	1000
12x2x0.75	0.6	1.2	23.7	1.25	23.3	1.7	29.2	2000	500
16x2x0.75	0.6	1.3	26.4	1.25	25.8	1.7	31.7	2346	500
20x2x0.75	0.6	1.3	29.3	1.25	28.7	1.8	34.8	2669	500
24x2x0.75	0.6	1.4	32.5	1.6	31.7	1.9	38.7	3321	500
30x2x0.75	0.6	1.4	34.4	1.6	33.6	1.9	40.6	3634	500

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mm^2	mm	mm	mm	mm	mm	mm	mm	Kg/Km	meter
Conductor : 1.0 mm^2 (7x0.43 mm)									
1x2x1	0.6	0.9	10.0	0.9	10.2	1.4	14.8	616	1000
2x2x1	0.6	1.0	14.0	0.9	14.0	1.5	18.8	900	1000
3x2x1	0.6	1.0	14.8	0.9	14.8	1.5	19.6	972	1000
4x2x1	0.6	1.0	16.1	0.9	16.1	1.5	20.9	1079	1000
5x2x1	0.6	1.1	17.6	0.9	17.4	1.5	22.2	1233	1000
6x2x1	0.6	1.1	19.1	1.25	18.9	1.6	24.6	1511	1000
7x2x1	0.6	1.1	19.1	1.25	18.9	1.6	24.6	1542	1000
10x2x1	0.6	1.2	24.2	1.25	23.8	1.7	29.7	2028	500
12x2x1	0.6	1.2	25.0	1.25	24.6	1.7	30.5	2145	500
16x2x1	0.6	1.3	27.8	1.25	27.2	1.8	33.3	2536	500
20x2x1	0.6	1.3	30.8	1.6	30.2	1.8	37.0	3113	500
24x2x1	0.6	1.4	34.3	1.6	33.5	1.9	40.5	3599	500
30x2x1	0.6	1.5	36.5	1.6	35.9	2.0	43.1	4103	500
Conductor : 1.5 mm^2 (7x0.53 mm)									
1x2x1.5	0.6	0.9	10.6	0.9	10.8	1.4	15.4	667	1000
2x2x1.5	0.6	1.0	15.0	0.9	15.0	1.5	19.8	989	1000
3x2x1.5	0.6	1.0	15.9	0.9	15.9	1.5	20.7	1082	1000
4x2x1.5	0.6	1.1	17.5	0.9	17.3	1.6	22.3	1266	1000
5x2x1.5	0.6	1.1	19.0	1.25	18.8	1.6	24.5	1539	1000
6x2x1.5	0.6	1.1	20.6	1.25	20.4	1.6	26.1	1692	1000
7x2x1.5	0.6	1.1	20.6	1.25	20.4	1.6	26.1	1734	1000
10x2x1.5	0.6	1.3	26.3	1.25	25.7	1.8	31.8	2396	500
12x2x1.5	0.6	1.3	27.2	1.25	26.6	1.8	32.7	2543	500
16x2x1.5	0.6	1.3	30.1	1.6	29.5	1.9	36.5	3153	500
20x2x1.5	0.6	1.4	33.7	1.6	32.9	1.9	39.9	3699	500
24x2x1.5	0.6	1.5	37.5	1.6	36.9	2.0	44.1	4330	500
30x2x1.5	0.6	1.6	40.3	2	39.5	2.1	47.7	5302	500

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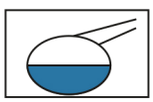
mm^2	mm	mm	mm	mm	mm	mm	mm	Kg/Km	meter
Conductor : 2.5 mm^2 (7x0.67 mm)									
1x2x2.5	0.7	1.0	12.1	0.9	12.1	1.4	16.7	806	1000
2x2x2.5	0.7	1.1	17.2	0.9	17.0	1.6	22.0	1227	1000
3x2x2.5	0.7	1.1	18.3	1.25	18.1	1.6	23.8	1499	1000
4x2x2.5	0.7	1.1	19.9	1.25	19.7	1.6	25.4	1678	1000
5x2x2.5	0.7	1.2	21.9	1.25	21.5	1.7	27.4	1936	1000
6x2x2.5	0.7	1.2	23.8	1.25	23.4	1.7	29.3	2132	500
7x2x2.5	0.7	1.2	23.8	1.25	23.4	1.7	29.3	2197	500
10x2x2.5	0.7	1.4	30.6	1.6	29.8	1.9	36.8	3277	500
12x2x2.5	0.7	1.4	31.6	1.6	30.8	1.9	37.8	3494	500
16x2x2.5	0.7	1.5	35.3	1.6	34.7	2.0	41.9	4205	500
20x2x2.5	0.7	1.6	39.9	2	39.1	2.1	47.3	5358	500
24x2x2.5	0.7	1.7	44.4	2	43.4	2.2	51.8	6180	500
30x2x2.5	0.7	1.8	47.2	2	46.4	2.3	55.0	7040	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-2X(St)HKHRH

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

Low smoke
Acc to IEC 61034