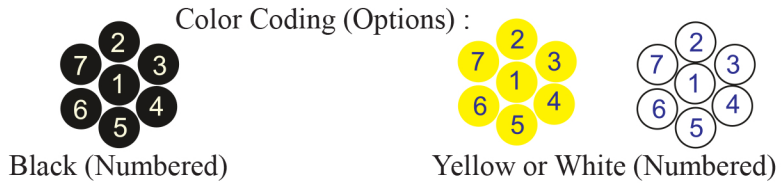


RE-Y(St)YKYRY

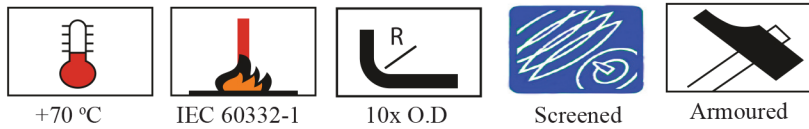
EN 50288-7 (500 V)



Conductor	Stranded (class 2) Plain annealed copper wires
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Insulation	PVC
Cable Unit	Core (Multi-Core 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



	Criteria	Standard Values					Unit
		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.	36.7	25.0	18.5	12.3	7.4	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 1 minute	2.0 kV A.C or 3.0 kV D.C					K.V
core to screen							
Operating voltage U(rms)		500					V

RE-Y(St)YKYRY

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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 mm² (7x0.30 mm)									
2x0.5	0.6	0.9	8.3	0.9	8.5	1.4	13.1	525	1000
3x0.5	0.6	0.9	8.6	0.9	8.8	1.4	13.4	552	1000
4x0.5	0.6	0.9	9.2	0.9	9.4	1.4	14.0	593	1000
5x0.5	0.6	0.9	9.8	0.9	10.0	1.4	14.6	635	1000
6x0.5	0.6	0.9	10.4	0.9	10.6	1.4	15.2	679	1000
7x0.5	0.6	0.9	10.4	0.9	10.6	1.4	15.2	687	1000
8x0.5	0.6	1.0	11.8	0.9	11.8	1.4	16.4	802	1000
10x0.5	0.6	1.0	12.7	0.9	12.7	1.5	17.5	878	1000
12x0.5	0.6	1.0	13.0	0.9	13.0	1.5	17.8	914	1000
16x0.5	0.6	1.0	14.2	0.9	14.2	1.5	19.0	1013	1000
20x0.5	0.6	1.0	15.5	0.9	15.5	1.5	20.3	1129	1000
24x0.5	0.6	1.1	17.1	0.9	16.9	1.6	21.9	1304	1000
30x0.5	0.6	1.1	17.9	1.25	17.7	1.6	23.4	1552	1000
Conductor : 0.75 mm² (7x0.37 mm)									
2x0.75	0.6	0.9	8.7	0.9	8.9	1.4	13.5	556	1000
3x0.75	0.6	0.9	9.1	0.9	9.3	1.4	13.9	587	1000
4x0.75	0.6	0.9	9.7	0.9	9.9	1.4	14.5	633	1000
5x0.75	0.6	0.9	10.3	0.9	10.5	1.4	15.1	681	1000
6x0.75	0.6	0.9	11.0	0.9	11.2	1.4	15.8	736	1000
7x0.75	0.6	0.9	11.0	0.9	11.2	1.4	15.8	747	1000
8x0.75	0.6	1.0	12.6	0.9	12.6	1.5	17.4	881	1000
10x0.75	0.6	1.0	13.5	0.9	13.5	1.5	18.3	959	1000
12x0.75	0.6	1.0	13.9	0.9	13.9	1.5	18.7	1009	1000
16x0.75	0.6	1.0	15.1	0.9	15.1	1.5	19.9	1130	1000
20x0.75	0.6	1.1	16.8	0.9	16.6	1.6	21.6	1319	1000
24x0.75	0.6	1.1	18.3	1.25	18.1	1.6	23.8	1609	1000
30x0.75	0.6	1.1	19.3	1.25	19.1	1.6	24.8	1743	1000

RE-Y(St)YKYRY**EN 50288-7 (500 V)**

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 : 1.0 mm² (7x0.43 mm)									
2x1	0.6	0.9	9.1	0.9	9.3	1.4	13.9	577	1000
3x1	0.6	0.9	9.5	0.9	9.7	1.4	14.3	618	1000
4x1	0.6	0.9	10.1	0.9	10.3	1.4	14.9	668	1000
5x1	0.6	0.9	10.8	0.9	11.0	1.4	15.6	720	1000
6x1	0.6	1.0	11.8	0.9	11.8	1.4	16.4	810	1000
7x1	0.6	1.0	11.8	0.9	11.8	1.4	16.4	825	1000
8x1	0.6	1.0	13.3	0.9	13.3	1.5	18.1	935	1000
10x1	0.6	1.0	14.2	0.9	14.2	1.5	19.0	1027	1000
12x1	0.6	1.0	14.6	0.9	14.6	1.5	19.4	1078	1000
16x1	0.6	1.1	16.2	0.9	16.0	1.5	20.8	1262	1000
20x1	0.6	1.1	17.8	1.25	17.6	1.6	23.3	1562	1000
24x1	0.6	1.1	19.4	1.25	19.2	1.6	24.9	1737	1000
30x1	0.6	1.2	20.6	1.25	20.2	1.7	26.1	1972	1000
Conductor : 1.5 mm² (7x0.53 mm)									
2x1.5	0.6	0.9	9.7	0.9	9.9	1.4	14.5	628	1000
3x1.5	0.6	0.9	10.1	0.9	10.3	1.4	14.9	676	1000
4x1.5	0.6	0.9	10.8	0.9	11.0	1.4	15.6	736	1000
5x1.5	0.6	1.0	11.8	0.9	11.8	1.4	16.4	840	1000
6x1.5	0.6	1.0	12.7	0.9	12.7	1.5	17.5	914	1000
7x1.5	0.6	1.0	12.7	0.9	12.7	1.5	17.5	934	1000
8x1.5	0.6	1.0	14.3	0.9	14.3	1.5	19.1	1058	1000
10x1.5	0.6	1.0	15.4	0.9	15.4	1.5	20.2	1167	1000
12x1.5	0.6	1.1	16.1	0.9	15.9	1.5	20.7	1282	1000
16x1.5	0.6	1.1	17.6	1.25	17.4	1.6	23.1	1604	1000
20x1.5	0.6	1.1	19.4	1.25	19.2	1.6	24.9	1807	1000
24x1.5	0.6	1.2	21.4	1.25	21.0	1.7	26.9	2101	1000
30x1.5	0.6	1.2	22.6	1.25	22.2	1.7	28.1	2300	1000

RE-Y(St)YKYRY

EN 50288-7 (500 V)



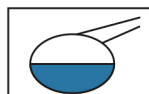
Nominal cross section area of conductor	Insulation thickness	Lead Sheath Thickness	Diameter Over Lead Sheath	Armour Wire Diameter	Diameter Under Armour	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm ²	mm	mm	mm	mm	mm	mm	mm	Kg/Km	meter
Conductor : 2.5 mm ² (7x0.67 mm)									
2x2.5	0.7	0.9	10.9	0.9	11.1	1.4	15.7	727	1000
3x2.5	0.7	1.0	11.7	0.9	11.7	1.4	16.3	828	1000
4x2.5	0.7	1.0	12.5	0.9	12.5	1.5	17.3	921	1000
5x2.5	0.7	1.0	13.5	0.9	13.5	1.5	18.3	1010	1000
6x2.5	0.7	1.0	14.5	0.9	14.5	1.5	19.3	1108	1000
7x2.5	0.7	1.0	14.5	0.9	14.5	1.5	19.3	1140	1000
8x2.5	0.7	1.1	16.8	0.9	16.6	1.6	21.6	1353	1000
10x2.5	0.7	1.1	18.1	1.25	17.9	1.6	23.6	1643	1000
12x2.5	0.7	1.1	18.7	1.25	18.5	1.6	24.2	1753	1000
16x2.5	0.7	1.2	20.7	1.25	20.3	1.7	26.2	2082	1000
20x2.5	0.7	1.2	22.9	1.25	22.5	1.7	28.4	2368	1000
24x2.5	0.7	1.3	25.3	1.25	24.7	1.8	30.8	2751	500
30x2.5	0.7	1.3	26.7	1.25	26.1	1.8	32.2	3057	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