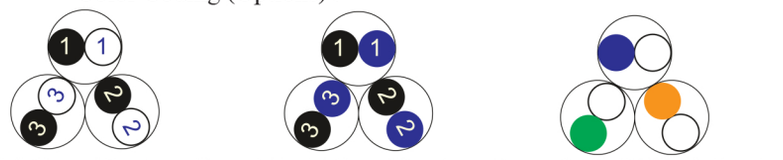
RE-Y(St)YRY , PiMFY

EN 50288-7 (500 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
Individual Element Jacket	Each Screened Pair has individual PVC Jacket
Collective (Overall) Screen	Polyester tape + Drain wire (Tinned copper) + Al.Polyester Tape
Inner Covering (Bedding)	Extruded PVC
Armour	Galvanized Steel Wires
Outer Sheath	Extruded PVC



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

+70 ºC | IEC 60332-1 | 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 @ 20ºC	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 / 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	Armour Wire Diameter	Diameter Under Armour	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm^2	mm	mm	mm	mm	mm	Kg/Km	meter
Conductor : 0.5 mm^2 (7x0.30 mm)							
1x2x0.5	0.6	0.9	7.8	1.4	12.4	288	1000
2x2x0.5	0.6	0.9	12.2	1.5	17.0	444	1000
3x2x0.5	0.6	0.9	13.0	1.5	17.8	492	1000
4x2x0.5	0.6	0.9	14.2	1.5	19.0	562	1000
5x2x0.5	0.6	1.25	15.6	1.6	21.3	764	1000
6x2x0.5	0.6	1.25	17.1	1.6	22.8	840	1000
7x2x0.5	0.6	1.25	17.1	1.6	22.8	870	1000
10x2x0.5	0.6	1.6	22.1	1.7	28.7	1327	500
12x2x0.5	0.6	1.6	22.9	1.7	29.5	1412	500
16x2x0.5	0.6	1.6	25.5	1.8	32.3	1658	500
20x2x0.5	0.6	2	28.6	1.9	36.4	2173	500
24x2x0.5	0.6	2	32.3	2.0	40.3	2538	500
30x2x0.5	0.6	2	34.4	2.0	42.4	2821	500
Conductor : 0.75 mm^2 (7x0.37 mm)							
1x2x0.75	0.6	0.9	8.3	1.4	12.9	305	1000
2x2x0.75	0.6	0.9	12.9	1.5	17.7	476	1000
3x2x0.75	0.6	0.9	13.8	1.5	18.6	538	1000
4x2x0.75	0.6	0.9	15.2	1.5	20.0	616	1000
5x2x0.75	0.6	1.25	16.6	1.6	22.3	830	1000
6x2x0.75	0.6	1.25	18.2	1.6	23.9	925	1000
7x2x0.75	0.6	1.25	18.2	1.6	23.9	962	1000
10x2x0.75	0.6	1.6	23.6	1.8	30.4	1459	500
12x2x0.75	0.6	1.6	24.4	1.8	31.2	1575	500
16x2x0.75	0.6	1.6	27.3	1.9	34.3	1853	500
20x2x0.75	0.6	2	30.6	2.0	38.6	2429	500
24x2x0.75	0.6	2	34.6	2.0	42.6	2812	500
30x2x0.75	0.6	2.5	36.8	2.1	46.0	3553	500

RE-Y(St)YRY , PiMFY

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Nominal cross section area of conductor	Insulation thickness	Armour Wire Diameter	Diameter Under Armour	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm^2	mm	mm	mm	mm	mm	Kg/Km	meter
Conductor : 1.0 mm^2 (7x0.43 mm)							
1x2x1	0.6	0.9	8.6	1.4	13.2	320	1000
2x2x1	0.6	0.9	13.6	1.5	18.4	506	1000
3x2x1	0.6	0.9	14.5	1.5	19.3	575	1000
4x2x1	0.6	1.25	15.9	1.6	21.6	800	1000
5x2x1	0.6	1.25	17.5	1.6	23.2	891	1000
6x2x1	0.6	1.25	19.2	1.6	24.9	994	500
7x2x1	0.6	1.25	19.2	1.6	24.9	1037	500
10x2x1	0.6	1.6	24.8	1.8	31.6	1588	500
12x2x1	0.6	1.6	25.7	1.8	32.5	1701	500
16x2x1	0.6	2	28.8	1.9	36.6	2269	500
20x2x1	0.6	2	32.7	2.0	40.7	2691	500
24x2x1	0.6	2.5	36.5	2.1	45.7	3484	500
30x2x1	0.6	2.5	38.8	2.2	48.2	3916	500
Conductor : 1.5 mm^2 (7x0.53 mm)							
1x2x1.5	0.6	0.9	9.2	1.4	13.8	350	1000
2x2x1.5	0.6	0.9	14.6	1.5	19.4	565	1000
3x2x1.5	0.6	1.25	15.6	1.6	21.3	783	1000
4x2x1.5	0.6	1.25	17.2	1.6	22.9	898	1000
5x2x1.5	0.6	1.25	18.9	1.6	24.6	1014	500
6x2x1.5	0.6	1.25	20.8	1.7	26.7	1142	500
7x2x1.5	0.6	1.25	20.8	1.7	26.7	1198	500
10x2x1.5	0.6	1.6	27.0	1.8	33.8	1811	500
12x2x1.5	0.6	2	28.0	1.9	35.8	2217	500
16x2x1.5	0.6	2	31.3	2.0	39.3	2628	500
20x2x1.5	0.6	2.5	35.6	2.1	44.8	3519	500
24x2x1.5	0.6	2.5	39.7	2.2	49.1	4023	500
30x2x1.5	0.6	2.5	42.2	2.3	51.8	4538	250

RE-Y(St)YRY , PiMFY

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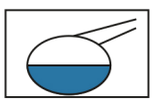
Nominal cross section area of conductor	Insulation thickness	Armour Wire Diameter	Diameter Under Armour	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm^2	mm	mm	mm	mm	mm	Kg/Km	meter
Conductor : 2.5 mm^2 (7x0.67 mm)							
1x2x2.5	0.7	0.9	10.5	1.4	15.1	410	1000
2x2x2.5	0.7	1.25	16.8	1.6	22.5	823	1000
3x2x2.5	0.7	1.25	18.0	1.6	23.7	938	1000
4x2x2.5	0.7	1.25	19.9	1.7	25.8	1102	500
5x2x2.5	0.7	1.6	21.9	1.7	28.5	1420	500
6x2x2.5	0.7	1.6	24.1	1.8	30.9	1606	500
7x2x2.5	0.7	1.6	24.1	1.8	30.9	1687	500
10x2x2.5	0.7	2	31.8	2.0	39.8	2607	500
12x2x2.5	0.7	2	32.9	2.0	40.9	2838	500
16x2x2.5	0.7	2.5	36.9	2.1	46.1	3760	500
20x2x2.5	0.7	2.5	41.4	2.3	51.0	4435	250
24x2x2.5	0.7	3.15	46.7	2.4	57.8	5835	250
30x2x2.5	0.7	3.15	49.7	2.5	61.0	6523	250

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)HRH , PiMFH

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

Low smoke
Acc to IEC 61034