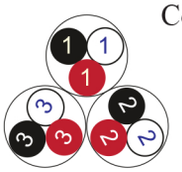
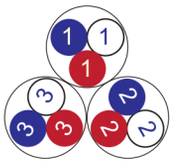
RE-2X(St)(L)2Y4YRY
EN 50288-7 (500 V)

Conductor	Stranded (class 2) Plain annealed copper wires

Color Coding (Options) :

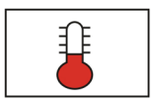


Black,White,Red (Numbered)



Blue,White,Red (Numbered)

Insulation	XLPE
Cable Unit	Triple (Multi-Triple Cable)
Collective (Overall) Screen	Polyester tape + Drain wire (Tinned copper) + Al.Polyester Tape
Multi-Layer Sheath	Aluminium copolymer Tape Bonded to HDPE Sheath + Polyamide Extruded Layer
Armour	Galvanized Steel Wires
Outer Sheath	Extruded PVC



+90 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.	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

RE-2X(St)(L)2Y4YRY

EN 50288-7 (500 V)

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)							
1x3x0.5	0.6	0.9	11.9	1.4	16.5	446	1000
2x3x0.5	0.6	0.9	15.3	1.5	20.1	596	1000
3x3x0.5	0.6	1.25	15.9	1.5	21.4	762	1000
4x3x0.5	0.6	1.25	16.9	1.5	22.4	834	1000
5x3x0.5	0.6	1.25	18.0	1.6	23.7	907	1000
6x3x0.5	0.6	1.25	19.2	1.6	24.9	983	500
7x3x0.5	0.6	1.25	19.2	1.6	24.9	1005	500
10x3x0.5	0.6	1.6	23.1	1.7	29.7	1443	500
12x3x0.5	0.6	1.6	23.7	1.7	30.3	1516	500
16x3x0.5	0.6	1.6	25.8	1.8	32.6	1727	500
20x3x0.5	0.6	2	28.3	1.8	35.9	2194	500
24x3x0.5	0.6	2	30.9	1.9	38.7	2455	500
30x3x0.5	0.6	2	32.6	1.9	40.4	2674	500
Conductor : 0.75 mm^2 (7x0.37 mm)							
1x3x0.75	0.6	0.9	12.4	1.4	17.0	474	1000
2x3x0.75	0.6	1.25	16.0	1.5	21.5	771	1000
3x3x0.75	0.6	1.25	16.7	1.5	22.2	825	1000
4x3x0.75	0.6	1.25	17.9	1.6	23.6	917	1000
5x3x0.75	0.6	1.25	19.1	1.6	24.8	1002	500
6x3x0.75	0.6	1.25	20.4	1.6	26.1	1089	500
7x3x0.75	0.6	1.25	20.4	1.6	26.1	1120	500
10x3x0.75	0.6	1.6	24.7	1.7	31.3	1595	500
12x3x0.75	0.6	1.6	25.4	1.8	32.2	1716	500
16x3x0.75	0.6	2	27.7	1.8	35.3	2205	500
20x3x0.75	0.6	2	30.4	1.9	38.2	2503	500
24x3x0.75	0.6	2	33.3	2.0	41.3	2806	500
30x3x0.75	0.6	2.5	35.5	2.0	44.5	3549	500

RE-2X(St)(L)2Y4YRY
EN 50288-7 (500 V)

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)							
1x3x1	0.6	0.9	12.8	1.4	17.4	494	1000
2x3x1	0.6	1.25	16.7	1.5	22.2	809	1000
3x3x1	0.6	1.25	17.5	1.6	23.2	892	1000
4x3x1	0.6	1.25	18.7	1.6	24.4	985	1000
5x3x1	0.6	1.25	20.0	1.6	25.7	1081	500
6x3x1	0.6	1.25	21.4	1.6	27.1	1177	500
7x3x1	0.6	1.25	21.4	1.6	27.1	1217	500
10x3x1	0.6	1.6	26.0	1.8	32.8	1766	500
12x3x1	0.6	1.6	26.8	1.8	33.6	1876	500
16x3x1	0.6	2	29.3	1.9	37.1	2435	500
20x3x1	0.6	2	32.2	1.9	40.0	2757	500
24x3x1	0.6	2.5	35.7	2.0	44.7	3568	500
30x3x1	0.6	2.5	37.6	2.1	46.8	3945	500
Conductor : 1.5 mm^2 (7x0.53 mm)							
1x3x1.5	0.6	0.9	13.4	1.4	18.0	535	1000
2x3x1.5	0.6	1.25	17.8	1.6	23.5	906	1000
3x3x1.5	0.6	1.25	18.7	1.6	24.4	999	1000
4x3x1.5	0.6	1.25	20.0	1.6	25.7	1112	500
5x3x1.5	0.6	1.25	21.5	1.7	27.4	1248	500
6x3x1.5	0.6	1.6	23.0	1.7	29.6	1541	500
7x3x1.5	0.6	1.6	23.0	1.7	29.6	1597	500
10x3x1.5	0.6	2	28.3	1.8	35.9	2311	500
12x3x1.5	0.6	2	29.1	1.9	36.9	2480	500
16x3x1.5	0.6	2	31.9	1.9	39.7	2867	500
20x3x1.5	0.6	2.5	35.6	2.0	44.6	3750	500
24x3x1.5	0.6	2.5	39.5	2.1	48.7	4298	500
30x3x1.5	0.6	2.5	41.6	2.2	51.0	4785	250

RE-2X(St)(L)2Y4YRY

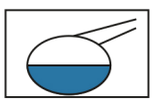
EN 50288-7 (500 V)

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)							
1x3x2.5	0.7	0.9	14.8	1.5	19.6	622	1000
2x3x2.5	0.7	1.25	20.2	1.6	25.9	1079	500
3x3x2.5	0.7	1.25	21.2	1.7	27.1	1218	500
4x3x2.5	0.7	1.6	22.8	1.7	29.4	1555	500
5x3x2.5	0.7	1.6	24.6	1.8	31.4	1741	500
6x3x2.5	0.7	1.6	26.5	1.8	33.3	1935	500
7x3x2.5	0.7	1.6	26.5	1.8	33.3	2023	500
10x3x2.5	0.7	2	33.3	2.0	41.3	2977	500
12x3x2.5	0.7	2	34.3	2.0	42.3	3227	500
16x3x2.5	0.7	2.5	38.2	2.1	47.4	4253	500
20x3x2.5	0.7	2.5	42.2	2.2	51.6	4921	250
24x3x2.5	0.7	3.15	46.8	2.4	57.9	6356	250
30x3x2.5	0.7	3.15	49.4	2.4	60.5	7078	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)(L)2Y4YRH

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

Low smoke
Acc to IEC 61034