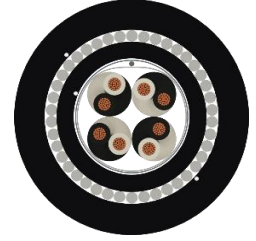


Electronic Control Cables

Instrumentation Cables

RE-Y(St)YSWAY-TP



images are illustrative purpose only

Application

- At instrumentation control and data processes, analog and digital signal transmission.
- In chemical and petrochemical industry.
- Powerplants.
- Outdoor and indoor places, dry, moist and wet places.
- Gas stations, water transportation systems.

Cable Construction

- 1-Conductor : Stranded electrolytic copper conductor (Class 2) (IEC 60228, EN 60228, DIN VDE 0295)
- 2-Insulation : PVC (BS EN 50290-2, VDE 0207 Y11), Black, White; Number coded (BS 5308-2)
- 3-Stranding : Insulations are stranding into pairs, pairs are stranding into layers
- 4-Wrapping : Polyester tape
- 5-Screen : Tinned copper earthing wire, Al/PET tape
- 6-Inner Jacket : PVC inner jacket
- 7-Armoring : Steel wire armor, polyester tape
- 8-Outer Jacket : UV resistant PVC outer jacket

Technical Characteristics

Cross Section	Conductor Resistance Ω/km (20 °C)	Insulation Resistance M Ω/km (20 °C)	Mutual Capacitance nF/km	Operating Voltage V (DC)	Test Voltage V (DC. 1 minute)
0.50 mm ²	36.0	100	160	300	2000
0.75 mm ²	24.5	100	160	300	2000
1.00 mm ²	18.1	100	160	300	2000
1.50 mm ²	12.1	100	170	300	2000
2.50 mm ²	7.41	100	170	500	2500

Mechanical Characteristics

Bending Radius	Temperature Range Operating
7.5xD mm	-30°C ~ +90°C

Standartlar

Manufacturing Reference	Flame Retardancy Test	Flame Propagation Test
EN 50288-7	IEC 60332-1-2	IEC 60332-3-24

RE-Y(St)YSWAY-TP

Part Number	Pair Count	Conductor Cross-section (mm ²)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.5615.02.a21.0.2.2 00.0050.0001-EN	1	0.50	9.8	14.7	196	500/1000
3.5615.02.a21.0.2.2 00.0050.0002-EN	2	0.50	12.1	24.5	277	500/1000
3.5615.02.a21.0.2.2 00.0050.0004-EN	4	0.50	13.3	44.2	341	500/1000
3.5615.02.a21.0.2.2 00.0050.0006-EN	6	0.50	14.8	63.8	411	500/1000
3.5615.02.a21.0.2.2 00.0050.0008-EN	8	0.50	15.9	83.5	476	500/1000
3.5615.02.a21.0.2.2 00.0050.0010-EN	10	0.50	17.6	103.2	555	500/1000
3.5615.02.a21.0.2.2 00.0050.0012-EN	12	0.50	18.0	122.9	591	500/1000
3.5615.02.a21.0.2.2 00.0050.0016-EN	16	0.50	19.7	162.2	705	500/1000
3.5615.02.a21.0.2.2 00.0050.0020-EN	20	0.50	22.2	201.5	949	500/1000
3.5615.02.a21.0.2.2 00.0050.0024-EN	24	0.50	24.0	240.9	1076	500/1000
3.5615.02.a21.0.2.2 0.0075.0001-EN	1	0.75	10.4	19.8	220	500/1000
3.5615.02.a21.0.2.2 00.0075.0002-EN	2	0.75	13.0	34.7	317	500/1000
3.5615.02.a21.0.2.2 00.0075.0004-EN	4	0.75	14.1	64.7	388	500/1000
3.5615.02.a21.0.2.2 00.0075.0006-EN	6	0.75	16.1	94.6	490	500/1000
3.5615.02.a21.0.2.2 00.0075.0008-EN	8	0.75	17.0	124.5	554	500/1000
3.5615.02.a21.0.2.2 00.0075.0010-EN	10	0.75	19.3	154.4	670	500/1000
3.5615.02.a21.0.2.2 00.0075.0012-EN	12	0.75	19.8	184.4	719	500/1000
3.5615.02.a21.0.2.2 00.0075.0016-EN	16	0.75	22.2	244.2	983	500/1000
3.5615.02.a21.0.2.2 00.0075.0024-EN	24	0.75	26.2	363.9	1297	500/1000
3.5615.02.a21.0.2.2 00.0100.0001-EN	1	1.00	10.8	25.0	236	500/1000
3.5615.02.a21.0.2.2 00.0100.0002-EN	2	1.00	13.6	45.2	346	500/1000
3.5615.02.a21.0.2.2 00.0100.0004-EN	4	1.00	14.9	85.7	431	500/1000
3.5615.02.a21.0.2.2 00.0100.0006-EN	6	1.00	17.1	126.1	553	500/1000
3.5615.02.a21.0.2.2 00.0100.0008-EN	8	1.00	18.1	166.5	630	500/1000
3.5615.02.a21.0.2.2 00.0100.0010-EN	10	1.00	21.3	206.9	891	500/1000
3.5615.02.a21.0.2.2 00.0100.0012-EN	12	1.00	21.8	247.3	956	500/1000
3.5615.02.a21.0.2.2 00.0100.0016-EN	16	1.00	23.9	328.1	1138	500/1000
3.5615.02.a21.0.2.2 00.0100.0024-EN	24	1.00	28.6	489.8	1542	500/1000
3.5615.02.a21.0.2.2 0.0150.0001-EN	1	1.50	11.8	33.3	277	500/1000
3.5615.02.a21.0.2.2 0.0150.0002-EN	2	1.50	14.9	62.8	404	500/1000
3.5615.02.a21.0.2.2 0.0150.0004-EN	4	1.50	16.9	118.5	538	500/1000
3.5615.02.a21.0.2.2 0.0150.0006-EN	6	1.50	19.5	175.4	696	500/1000
3.5615.02.a21.0.2.2 0.0150.0008-EN	8	1.50	21.4	236.7	930	500/1000
3.5615.02.a21.0.2.2 0.0150.0010-EN	10	1.50	24.4	294.7	1129	500/1000
3.5615.02.a21.0.2.2 0.0150.0012-EN	12	1.50	25.2	345.9	1233	500/1000
3.5615.02.a22.0.2.2 0.0150.0014-EN	14	1.50	26.1	402.8	1417	500/1000
3.5615.02.a21.0.2.2 0.0150.0016-EN	16	1.50	27.4	468.6	1462	500/1000
3.5615.02.a21.0.2.2 0.0150.0024-EN	24	1.50	33.6	687.0	2180	500/1000
3.5615.02.b21.0.2.2 0.0250.0001-EN	1	2.50	13.8	53.9	368	500/1000
3.5615.02.b21.0.2.2 0.0250.0002-EN	2	2.50	18.3	102.9	570	500/1000
3.5615.02.b21.0.2.2 0.0250.0004-EN	4	2.50	21.5	201.1	901	500/1000
3.5615.02.b21.0.2.2 0.0250.0006-EN	6	2.50	25.2	299.2	1194	500/1000
3.5615.02.b21.0.2.2 0.0250.0008-EN	8	2.50	27.0	397.3	1386	500/1000
3.5615.02.b21.0.2.2 0.0250.0010-EN	10	2.50	31.3	495.4	1713	500/1000
3.5615.02.b21.0.2.2 0.0250.0012-EN	12	2.50	32.8	593.5	2070	500/1000
3.5615.02.b21.0.2.2 0.0250.0016-EN	16	2.50	36.0	789.8	2482	500/1000
3.5615.02.b21.0.2.2 0.0250.0024-EN	24	2.50	44.7	1182.2	3755	500/1000