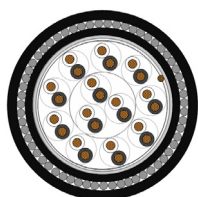
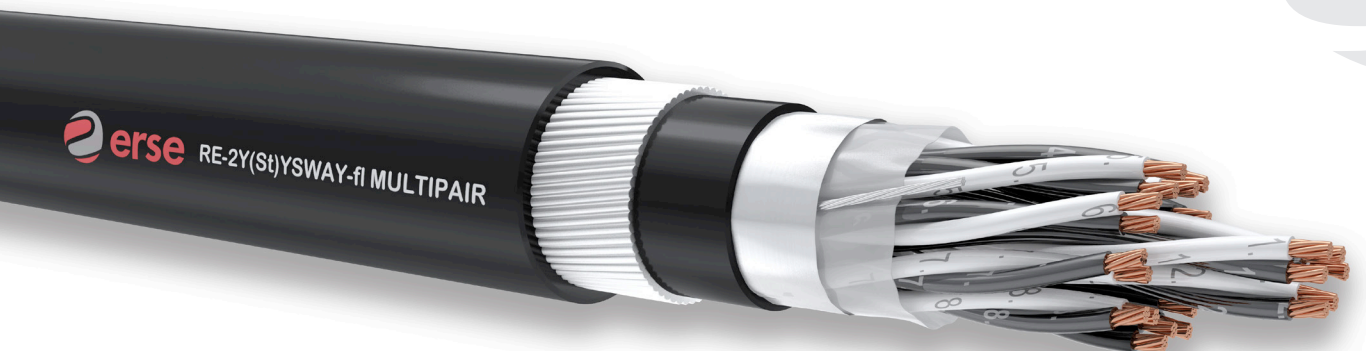


# RE-2Y(St)YSWAY-fi (MULTIPAIR)

CU/PE/OSCR/PVC/SWA/PVC



VERY GOOD EMC\* CHARACTERISTICS / FLEXIBLE /  
SMALL BENDING RADIUS / FLAME RETARDANT AND HYDROCARBON RESISTANT



## CONSTRUCTION

- |                           |   |
|---------------------------|---|
| <b>1 - Conductor</b>      | IEC 60228 / DIN VDE 0295 / EN 60228             |
| <b>2 - Insulation</b>     | EN 50290-2-23 PE COMPOUND                       |
| <b>3 - Colour Code</b>    | BS 5308-1 OR BLACK-WHITE;<br>EACH PAIR NUMBERED |
| <b>4 - Stranding</b>      | PAIRWISE, PAIRS IN LAYERS                       |
| <b>5 - Wrapping</b>       | PES TAPE  |
| <b>6 - Overall Screen</b> | TINNED COPPER DRAIN WIRE; AL-PES TAPE           |
| <b>7 - Inner Sheath</b>   | EN 50290-2-22 PVC COMPOUND                      |
| <b>8 - Armour</b>         | GALVANIZED ROUND STEEL WIRES                    |
| <b>9 - Sheath</b>         | EN 50290-2-22 PVC COMPOUND                      |
| <b>10 - Sheath Colour</b> | RAL 5015* BLUE / RAL 9005* BLACK                |

## TECHNICAL CHARACTERISTICS

CONDUCTOR RESISTANCE CLASS2(MAX)	INSULATION RESISTANCE (MIN)	MUTUAL CAPACITY (MAX)	TEMPERATURE RANGE	FLAME PROPAGATION
mm <sup>2</sup> Ω/km	MΩxKm	mm <sup>2</sup> pF/m		
0,50 36		0,50 65		IEC 60332-3-24
0,75 24,5		0,75 65	- 30°C-+70°C	VDE0482-332-3-24
1,0 18,1	5000	1,0 65	(FIXED LAYING)	EN 60332-3-24
1,3 13,9		1,3 75		BS EN 60332-3-24
1,5 12,1		1,5 75		

L/R(RATIO) (MAX)	CURRENT LOAD(25°C)	OPERATING VOLTAGE	TEST VOLTAGE	BENDING RADIUS
mm <sup>2</sup> μH/Ω	mm <sup>2</sup> A			
0,50 25	0,50 6,0		Cr./Cr.=2000 V	
0,75 25	0,75 13	300/500 V.	Cr./Scrm.=2000 V	10X Cable Ø
1,0 25	1,0 16			
1,3 40	1,3 18			
1,5 40	1,5 20			

## APPLICATION

1. Instrumentation and control engineering analog and digital signal transmission
2. In chemistry industry
3. Petrochemistry industry
4. Power plants
5. Indoors and outdoors, dry, damp and wet environments
6. Gas Stations
7. Water Conveyance Systems

## DESIGN STANDARDS

PAS 5308-1  
EN 50288-7

## NOTES

**EMC\***: Electromagnetic compatibility

**FI\***: Flame retardant outer sheath.

**Ral 5015 blue sheath\***: At ex-proof connections in explosive and in flammable environments, intrinsically safe

**Ral 9005 black sheath\***: Places where UV resistance is required.

**RE-2Y(St)YSWAY-fi (MULTIPAIR)**

CU/PE/OSCR/PVC/SWA/PVC

CODE NR.	NUMBER OF CORE CROSS SECTION (mm <sup>2</sup> )	COPPER WEIGHT (kg/km)	INNER SHEATH DIAMETER (mm)	OVERALL DIAMETER (mm)	APPROX. WEIGHT (kg/km)	STANDART LENGTH (mt)
374950010	1 x 2 x 0,50	14	5,80	10,60	212	500/1000
374950020	2 x 2 x 0,50	23	8,00	12,80	295	500/1000
374950040	4 x 2 x 0,50	42	9,20	14,00	360	500/1000
374950060	6 x 2 x 0,50	60	11,00	16,00	455	500/1000
374950080	8 x 2 x 0,50	78	12,10	17,20	510	500/1000
374950100	10 x 2 x 0,50	97	13,60	18,60	579	500/1000
374950120	12 x 2 x 0,50	115	13,90	18,90	615	500/1000
374950160	16 x 2 x 0,50	152	15,80	21,70	852	500/1000
374950200	20 x 2 x 0,50	189	17,70	23,80	990	500/1000
374950240	24 x 2 x 0,50	225	19,10	25,20	1130	500/1000
374975010	1 x 2 x 0,75	19	6,20	10,80	228	500/1000
374975020	2 x 2 x 0,75	33	8,60	13,40	328	500/1000
374975040	4 x 2 x 0,75	60	10,00	14,80	403	500/1000
374975060	6 x 2 x 0,75	88	12,00	17,00	517	500/1000
374975080	8 x 2 x 0,75	117	13,20	18,20	583	500/1000
374975100	10 x 2 x 0,75	144	14,90	20,10	682	500/1000
374975120	12 x 2 x 0,75	173	15,20	21,10	840	500/1000
374975160	16 x 2 x 0,75	229	17,30	23,40	1025	500/1000
374975200	20 x 2 x 0,75	285	19,40	25,50	1190	500/1000
374975240	24 x 2 x 0,75	340	21,00	27,30	1290	500/1000
374901010	1 x 2 x 1	23	6,60	11,40	236	500/1000
374901020	2 x 2 x 1	41	9,20	14,00	360	500/1000
374901040	4 x 2 x 1	77	10,80	15,80	454	500/1000
374901060	6 x 2 x 1	113	13,00	18,00	588	500/1000
374901080	8 x 2 x 1	149	14,30	19,50	670	500/1000
374901100	10 x 2 x 1	185	16,20	22,10	900	500/1000
374901120	12 x 2 x 1	221	16,50	22,40	955	500/1000
374901160	16 x 2 x 1	305	19,10	25,20	1195	500/1000
374901200	20 x 2 x 1	380	21,10	27,40	1365	500/1000
374901240	24 x 2 x 1	455	22,90	29,20	1516	500/1000
374913010	1 x 2 x 1,3	29	7,00	11,80	264	500/1000
374913020	2 x 2 x 1,3	53	9,90	14,70	394	500/1000
374913040	4 x 2 x 1,3	101	11,60	16,60	503	500/1000
374913060	6 x 2 x 1,3	149	14,00	19,00	656	500/1000
374913080	8 x 2 x 1,3	197	15,40	21,30	861	500/1000
374913100	10 x 2 x 1,3	245	17,40	23,50	1019	500/1000
374913120	12 x 2 x 1,3	293	17,80	23,90	1120	500/1000
374913160	16 x 2 x 1,3	389	20,30	26,40	1320	500/1000
374913200	20 x 2 x 1,3	485	22,90	29,20	1542	500/1000
374913240	24 x 2 x 1,3	581	24,80	31,30	1754	500/1000
374915010	1 x 2 x 1,5	33	7,20	12,00	277	500/1000
374915020	2 x 2 x 1,5	61	10,20	15,00	411	500/1000
374915040	4 x 2 x 1,5	117	12,00	17,00	532	500/1000
374915060	6 x 2 x 1,5	173	15,00	20,10	726	500/1000
374915080	8 x 2 x 1,5	229	16,20	22,10	926	500/1000
374915100	10 x 2 x 1,5	285	18,30	24,40	1084	500/1000
374915120	12 x 2 x 1,5	341	19,10	25,20	1195	500/1000
374915160	16 x 2 x 1,5	453	21,10	27,40	1431	500/1000
374915200	20 x 2 x 1,5	565	24,50	31,00	1702	500/1000
374915240	24 x 2 x 1,5	677	27,60	35,00	2185	500/1000