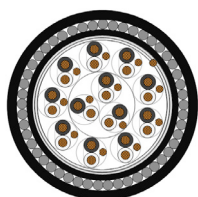
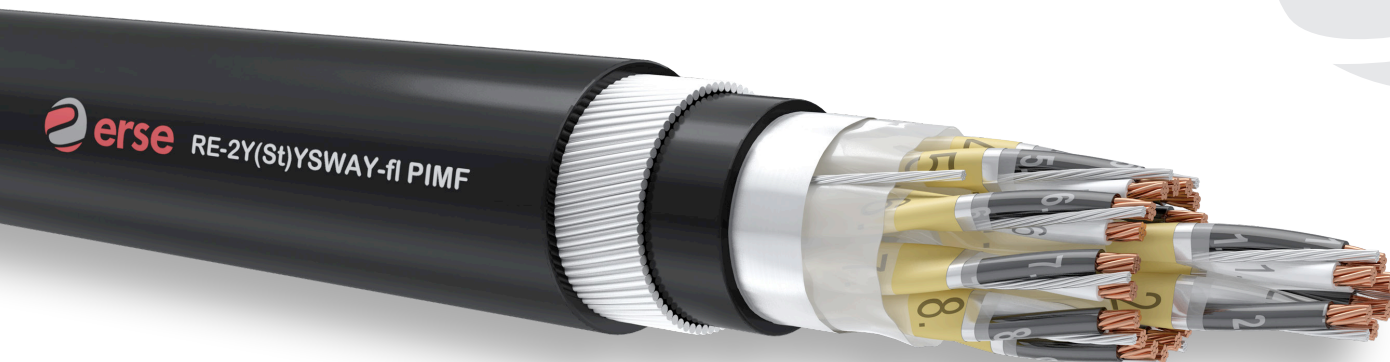


# RE-2Y(St)YSWAY-fl PIMF

CU/PE/PSCR/OSCR/PVC/ SWA/PVC



VERY GOOD EMC\* CHARACTERISTICS /  
FLAME RETARDANT AND HYDROCARBON RESISTANT/  
SUITABLE TO BURRY UNDERGROUND



## CONSTRUCTION

- 1 - Conductor** IEC 60228 / DIN VDE 0295 / EN 60228
- 2 - Insulation** EN 50290-2-23 PE COMPOUND
- 3 - Colour Code** BS 5308-1 OR BLACK-WHITE;  
EACH PAIR NUMBERED
- 4 - Individual Screen** PES TAPE; TINNED COPPER DRAIN WIRE;  
AL-PES TAPE
- 5 - Stranding** PAIRWISE, SCREENED PAIRS IN LAYERS
- 6 - Wrapping** PES TAPE
- 7 - Overall Screen** TINNED COPPER DRAIN WIRE; AL-PES TAPE
- 8 - Inner Sheath** EN 50290-2-22 PVC COMPOUND
- 9 - Armour** GALVANIZED ROUND STEEL WIRES
- 10 - Sheath** EN 50290-2-22 PVC COMPOUND
- 11 - Sheath Colour** 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		0,50 100		IEC 60332-3-24
0,75 24,5		0,75 100	- 30°C-+70°C	VDE0482-332-3-24
1,0 18,1	5000	1,0 100	(FIXED LAYING)	EN 60332-3-24
1,3 13,9		1,3 100		BS EN 60332-3-24
1,5 12,1		1,5 100		

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

## NOTES

- EMC\*:** Electromagnetic compatibility
- Fl\*:** 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

## DESIGN STANDARDS

- PAS 5308-1
- EN 50288-7

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

CU/PE/PSCR/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)
375050020	2 x 2 x 0,50	32	9,10	14,00	349	500/1000
375050040	4 x 2 x 0,50	60	10,60	15,60	437	500/1000
375050060	6 x 2 x 0,50	88	12,60	17,60	562	500/1000
375050080	8 x 2 x 0,50	115	13,70	18,80	612	500/1000
375050100	10 x 2 x 0,50	143	16,10	22,00	854	500/1000
375050120	12 x 2 x 0,50	170	16,60	22,50	915	500/1000
375050160	16 x 2 x 0,50	225	18,50	24,60	1086	500/1000
375050200	20 x 2 x 0,50	280	20,60	27,00	1250	500/1000
375050240	24 x 2 x 0,50	336	23,00	29,60	1445	500/1000
375075020	2 x 2 x 0,75	42	9,80	14,50	379	500/1000
375075040	4 x 2 x 0,75	79	11,40	16,50	479	500/1000
375075060	6 x 2 x 0,75	116	13,80	18,80	617	500/1000
375075080	8 x 2 x 0,75	154	14,80	20,00	720	500/1000
375075100	10 x 2 x 0,75	191	17,50	24,00	995	500/1000
375075120	12 x 2 x 0,75	228	18,10	24,50	1045	500/1000
375075160	16 x 2 x 0,75	302	20,40	26,50	1250	500/1000
375075200	20 x 2 x 0,75	377	22,50	29,00	1440	500/1000
375075240	24 x 2 x 0,75	451	25,10	31,70	1675	500/1000
375001010	2 x 2 x 1	51	10,50	15,50	421	500/1000
375001040	4 x 2 x 1	98	12,30	17,50	540	500/1000
375001060	6 x 2 x 1	145	14,80	20,00	700	500/1000
375001080	8 x 2 x 1	192	16,10	21,30	900	500/1000
375001100	10 x 2 x 1	239	19,00	25,00	1090	500/1000
375001120	12 x 2 x 1	285	19,60	26,00	1180	500/1000
375001160	16 x 2 x 1	379	21,80	28,10	1408	500/1000
375001200	20 x 2 x 1	473	24,50	31,00	1640	500/1000
375001240	24 x 2 x 1	566	27,50	35,00	2113	500/1000
375013020	2 x 2 x 1,3	63	11,30	16,50	460	500/1000
375013040	4 x 2 x 1,3	120	13,10	18,10	582	500/1000
375013060	6 x 2 x 1,3	179	16,00	21,00	880	500/1000
375013080	8 x 2 x 1,3	237	17,40	23,50	1010	500/1000
375013100	10 x 2 x 1,3	295	20,50	26,50	1210	500/1000
375013120	12 x 2 x 1,3	353	21,00	27,50	1317	500/1000
375013160	16 x 2 x 1,3	467	23,50	30,00	1585	500/1000
375013200	20 x 2 x 1,3	585	26,50	33,40	2031	500/1000
375013240	24 x 2 x 1,3	700	30,00	37,50	2402	500/1000
375015020	2 x 2 x 1,5	70	11,60	16,80	478	500/1000
375015040	4 x 2 x 1,5	135	14,00	19,00	627	500/1000
375015060	6 x 2 x 1,5	200	16,50	22,30	928	500/1000
375015080	8 x 2 x 1,5	265	18,00	24,00	1064	500/1000
375015100	10 x 2 x 1,5	331	21,00	27,50	1286	500/1000
375015120	12 x 2 x 1,5	396	22,00	28,10	1412	500/1000
375015160	16 x 2 x 1,5	526	24,50	31,00	1726	500/1000
375015200	20 x 2 x 1,5	657	27,50	35,00	2213	500/1000
375015240	24 x 2 x 1,5	787	31,00	39,00	2586	500/1000