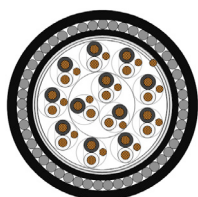
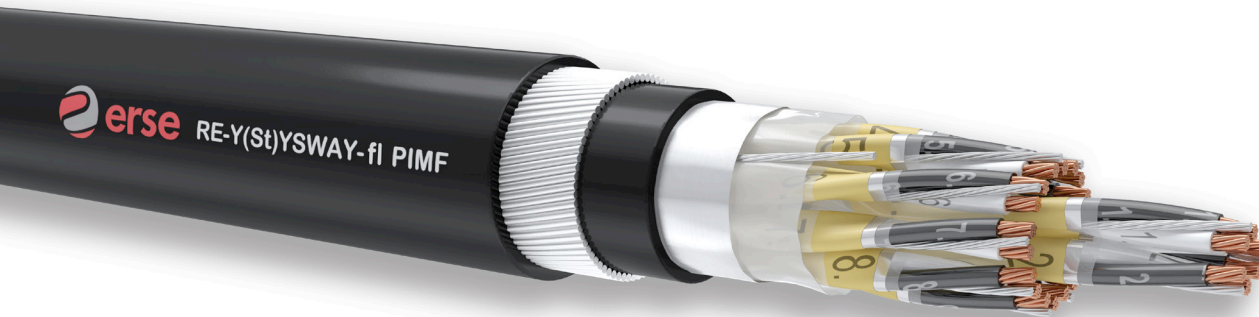


# RE-Y(St)YSWAY-fl PIMF

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



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



## CONSTRUCTION

- 1 - Conductor** IEC 60228 / DIN VDE 0295 / EN 60228
- 2 - Insulation** EN 50290-2-21 PVC COMPOUND
- 3 - Colour Code** BS 5308-2 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
0,50 Ω/km	MΩxKm	mm <sup>2</sup> pF/m	- 30°C-+70°C (FIXED LAYING)	IEC 60332-3-24
0,75 24,5		0,50 160		VDE0482-332-3-24
1,0 18,1	100	0,75 160		EN 60332-3-24
1,3 13,9		1,0 160		BS EN 60332-3-24
1,5 12,1		1,3 170		

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	10X Cable Ø
0,75 25	0,75 13	300/500 V.	Cr./Scrm.=2000 V	
1,0 25	1,0 16			
1,3 40	1,3 18			
1,5 40	1,5 20			

## DESIGN STANDARDS

PAS 5308-2  
EN 50288-7

## APPLICATION

1. Instrumentation and control engineering analog and digital signal transmission
2. 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

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

CU/PVC/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)	STANDARD LENGTH (mt)
373050020	2 x 2 x 0,50	32	9,10	14,00	352	500/1000
373050040	4 x 2 x 0,50	60	10,60	15,60	444	500/1000
373050060	6 x 2 x 0,50	88	12,60	17,60	563	500/1000
373050080	8 x 2 x 0,50	115	13,70	18,80	625	500/1000
373050100	10 x 2 x 0,50	143	16,10	22,00	875	500/1000
373050120	12 x 2 x 0,50	170	16,60	22,50	935	500/1000
373050160	16 x 2 x 0,50	225	18,50	24,60	1125	500/1000
373050200	20 x 2 x 0,50	280	20,60	26,90	1295	500/1000
373050240	24 x 2 x 0,50	336	23,00	30,00	1500	500/1000
373075020	2 x 2 x 0,75	42	9,80	14,40	383	500/1000
373075040	4 x 2 x 0,75	79	11,40	16,50	487	500/1000
373075060	6 x 2 x 0,75	116	13,80	18,80	629	500/1000
373075080	8 x 2 x 0,75	154	14,80	20,00	715	500/1000
373075100	10 x 2 x 0,75	191	17,50	24,00	998	500/1000
373075120	12 x 2 x 0,75	228	18,10	24,50	1069	500/1000
373075160	16 x 2 x 0,75	302	20,40	26,50	1280	500/1000
373075200	20 x 2 x 0,75	377	22,50	29,00	1490	500/1000
373075240	24 x 2 x 0,75	451	25,10	32,00	1725	500/1000
373001020	2 x 2 x 1	51	10,50	15,50	425	500/1000
373001040	4 x 2 x 1	98	12,30	17,50	544	500/1000
373001060	6 x 2 x 1	145	14,80	20,00	712	500/1000
373001080	8 x 2 x 1	192	16,10	21,50	925	500/1000
373001100	10 x 2 x 1	239	19,00	25,00	1125	500/1000
373001120	12 x 2 x 1	285	19,60	26,00	1230	500/1000
373001160	16 x 2 x 1	379	21,80	28,10	1450	500/1000
373001200	20 x 2 x 1	473	24,50	31,00	1695	500/1000
373001240	24 x 2 x 1	566	27,50	35,00	2170	500/1000
373013010	2 x 2 x 1,3	63	11,30	16,50	465	500/1000
373013020	4 x 2 x 1,3	120	13,10	18,10	592	500/1000
373013060	6 x 2 x 1,3	179	16,00	21,00	894	500/1000
373013080	8 x 2 x 1,3	237	17,40	23,50	1030	500/1000
373013100	10 x 2 x 1,3	295	20,50	26,50	1235	500/1000
373013120	12 x 2 x 1,3	353	21,00	27,50	1350	500/1000
373013160	16 x 2 x 1,3	467	23,50	30,00	1630	500/1000
373013200	20 x 2 x 1,3	585	26,50	33,50	2100	500/1000
373013240	24 x 2 x 1,3	700	30,00	37,50	2475	500/1000
373015020	2 x 2 x 1,5	70	11,60	16,80	483	500/1000
373015040	4 x 2 x 1,5	135	14,00	19,00	629	500/1000
373015060	6 x 2 x 1,5	200	16,50	22,50	975	500/1000
373015080	8 x 2 x 1,5	265	18,00	24,00	1100	500/1000
373015100	10 x 2 x 1,5	331	21,00	27,50	1313	500/1000
373015120	12 x 2 x 1,5	396	22,00	28,10	1450	500/1000
373015160	16 x 2 x 1,5	526	24,50	31,00	1775	500/1000
373015200	20 x 2 x 1,5	657	27,50	35,00	2270	500/1000
373015240	24 x 2 x 1,5	787	31,00	39,00	2660	500/1000