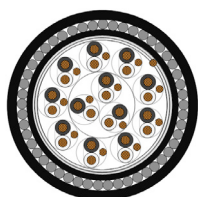
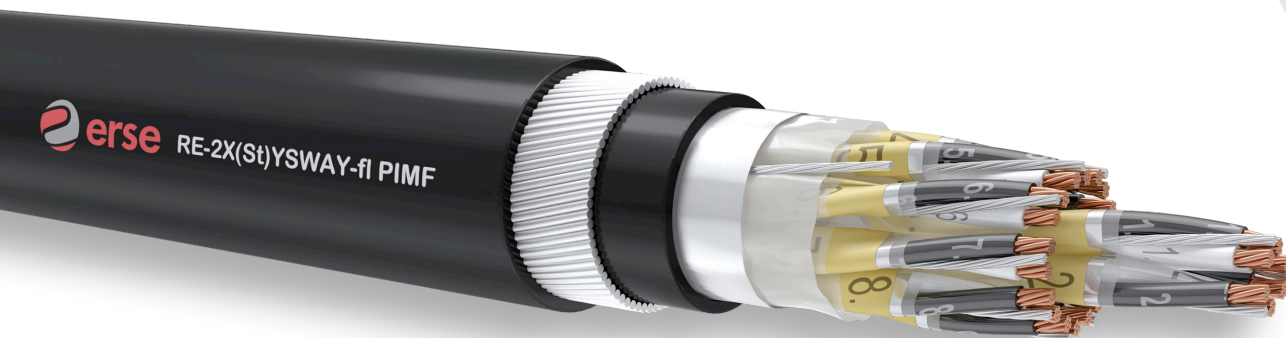


RE-2X(St)YSWAY-fl PIMF

CU/XLPE/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 50290-2-29 XLPE 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

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

TECHNICAL CHARACTERISTICS

CONDUCTOR RESISTANCE CLASS2(MAX)	INSULATION RESISTANCE (MIN)	MUTUAL CAPACITY (MAX)	TEMPERATURE RANGE	FLAME PROPAGATION
mm ² Ω/km	MΩxKm	mm ² pF/m		
0,50 36		0,50 100		IEC 60332-3-24
0,75 24,5		0,75 100	- 30°C-+90°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 ² μH/Ω	mm ² 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	10 X Cable Ø
1,0 25	1,0 16			
1,3 40	1,3 18			
1,5 40	1,5 20			

DESIGN STANDARDS

- PAS 5308-1
- EN 50288-7

RE-2X(St)YSWAY-fi PIMF**CU/XLPE/PSCR/OSCR/PVC/SWA/PVC**

CODE NR.	NUMBER OF CORE CROSS SECTION (mm ²)	COPPER WEIGHT (kg/km)	INNER SHEATH DIAMETER (mm)	OVERALL DIAMETER (mm)	APPROX. WEIGHT (kg/km)	STANDART LENGTH (mt)
378650020	2 x 2 x 0,50	32	9,10	14,00	338	500/1000
378650040	4 x 2 x 0,50	60	10,60	15,70	426	500/1000
378650060	6 x 2 x 0,50	88	12,60	17,70	545	500/1000
378650080	8 x 2 x 0,50	115	13,70	18,90	600	500/1000
378650100	10 x 2 x 0,50	143	16,20	22,00	854	500/1000
378650120	12 x 2 x 0,50	170	16,60	22,50	912	500/1000
378650160	16 x 2 x 0,50	225	18,50	24,70	1086	500/1000
378650200	20 x 2 x 0,50	280	20,60	27,00	1250	500/1000
378650240	24 x 2 x 0,50	336	23,00	30,00	1435	500/1000
378675020	2 x 2 x 0,75	42	9,80	14,50	390	500/1000
378675040	4 x 2 x 0,75	79	11,40	16,40	470	500/1000
378675060	6 x 2 x 0,75	116	13,80	18,80	632	500/1000
378675080	8 x 2 x 0,75	154	14,80	20,00	742	500/1000
378675100	10 x 2 x 0,75	191	17,50	23,70	978	500/1000
378675120	12 x 2 x 0,75	228	18,20	24,40	1057	500/1000
378675160	16 x 2 x 0,75	302	20,40	26,50	1259	500/1000
378675200	20 x 2 x 0,75	377	22,50	29,00	1437	500/1000
378675240	24 x 2 x 0,75	451	25,20	31,70	1663	500/1000
378601020	2 x 2 x 1	51	10,50	15,50	408	500/1000
378601040	4 x 2 x 1	98	12,30	17,50	536	500/1000
378601060	6 x 2 x 1	145	14,80	20,00	699	500/1000
378601080	8 x 2 x 1	192	16,20	21,50	898	500/1000
378601100	10 x 2 x 1	239	19,00	25,00	1099	500/1000
378601120	12 x 2 x 1	285	19,60	25,90	1190	500/1000
378601160	16 x 2 x 1	379	21,80	28,20	1419	500/1000
378601200	20 x 2 x 1	473	24,50	31,00	1640	500/1000
378601240	24 x 2 x 1	566	27,50	34,90	2126	500/1000
378613020	2 x 2 x 1,3	63	11,30	16,50	450	500/1000
378613040	4 x 2 x 1,3	120	13,20	18,20	570	500/1000
378613060	6 x 2 x 1,3	179	16,00	21,00	879	500/1000
378613080	8 x 2 x 1,3	237	17,40	23,50	1020	500/1000
378613100	10 x 2 x 1,3	295	20,50	26,50	1216	500/1000
378613120	12 x 2 x 1,3	353	21,00	27,50	1330	500/1000
378613160	16 x 2 x 1,3	467	23,50	30,00	1600	500/1000
378613200	20 x 2 x 1,3	585	26,50	33,50	2044	500/1000
378613240	24 x 2 x 1,3	700	30,00	37,50	2415	500/1000
378615020	2 x 2 x 1,5	70	11,70	16,80	478	500/1000
378615040	4 x 2 x 1,5	135	14,00	19,00	618	500/1000
378615060	6 x 2 x 1,5	200	16,40	22,40	928	500/1000
378615080	8 x 2 x 1,5	265	18,00	24,00	1074	500/1000
378615100	10 x 2 x 1,5	331	21,00	27,50	1296	500/1000
378615120	12 x 2 x 1,5	396	22,00	28,20	1415	500/1000
378615160	16 x 2 x 1,5	526	24,50	31,00	1713	500/1000
378615200	20 x 2 x 1,5	657	27,40	34,90	2195	500/1000
378615240	24 x 2 x 1,5	787	31,00	38,70	2570	500/1000