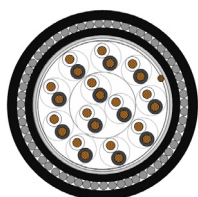
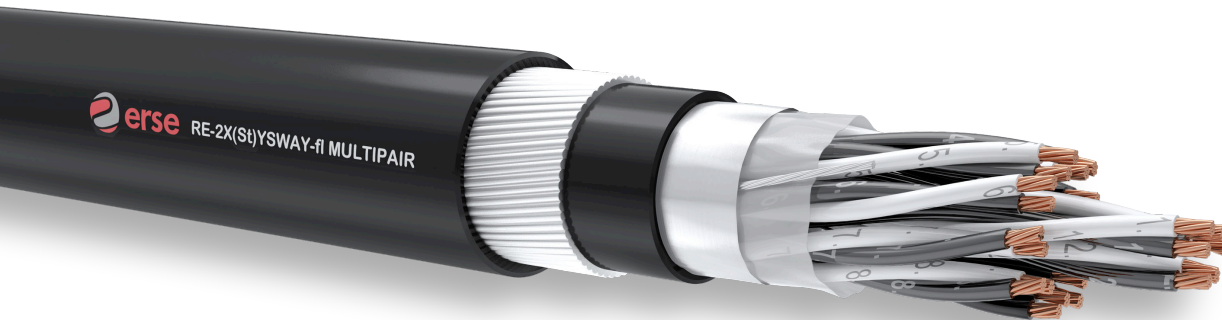


RE-2X(St)YSWAY-fi (MULTIPAIR)

CU/XLPE/OSCR/PVC/SWA/PVC



VERY GOOD EMC* CHARACTERISTICS /
FLAME RETARDANT AND HYDROCARBON RESISTANT/
SUITABLE TO BURY 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 - Stranding** PAIRWISE, PAIRS IN LAYERS
- 5 - Wrapping** PES TAPE
- 6 - Overall Screen** TINNED COPPER DRAIN WIRE; AL-PES TAPE
- 7 - Inner Sheath** EN 50290-2-22 PVC COMPOUND
- 8 - Armour** GALVANIZED ROUND STEEL WIRES
- 9 - Sheath** EN 50290-2-22 PVC COMPOUND
- 10 - Sheath Colour** RAL 5015* BLUE; RAL 9005* BLACK

APPLICATION

1. Instrumentation and control engineering analog and digital signal transmission
2. Petroleum refineries
3. Petrochemistry industry
4. Power plants
5. Natural gas pump stations
6. Indoors and outdoors, dry, damp and wet environments
7. Gas Stations
8. 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 65		IEC 60332-3-24
0,75 24,5		0,75 65	- 30°C-+90°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 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 (MULTIPAIR)**CU/XLPE/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)
378550010	1 x 2 x 0,50	14	5,80	10,60	200	500/1000
378550020	2 x 2 x 0,50	23	8,00	12,80	280	500/1000
378550040	4 x 2 x 0,50	42	9,20	14,00	358	500/1000
378550060	6 x 2 x 0,50	60	11,00	16,00	445	500/1000
378550080	8 x 2 x 0,50	78	12,10	17,20	518	500/1000
378550100	10 x 2 x 0,50	97	13,60	18,60	579	500/1000
378550120	12 x 2 x 0,50	115	13,90	18,90	629	500/1000
378550160	16 x 2 x 0,50	152	15,80	21,70	864	500/1000
378550200	20 x 2 x 0,50	189	17,70	23,80	1000	500/1000
378550240	24 x 2 x 0,50	225	19,10	25,20	1086	500/1000
378575010	1 x 2 x 0,75	19	6,20	10,80	219	500/1000
378575020	2 x 2 x 0,75	33	8,60	13,40	329	500/1000
378575040	4 x 2 x 0,75	60	10,00	14,80	424	500/1000
378575060	6 x 2 x 0,75	88	12,00	17,00	517	500/1000
378575080	8 x 2 x 0,75	117	13,20	18,20	583	500/1000
378575100	10 x 2 x 0,75	144	14,90	20,10	692	500/1000
378575120	12 x 2 x 0,75	173	15,20	21,10	837	500/1000
378575160	16 x 2 x 0,75	229	17,30	23,40	1020	500/1000
378575200	20 x 2 x 0,75	285	19,40	25,50	1165	500/1000
378575240	24 x 2 x 0,75	340	21,00	27,30	1280	500/1000
378501010	1 x 2 x 1	23	6,60	11,40	236	500/1000
378501020	2 x 2 x 1	41	9,20	14,00	374	500/1000
378501040	4 x 2 x 1	77	10,80	15,90	467	500/1000
378501060	6 x 2 x 1	113	13,00	18,00	588	500/1000
378501080	8 x 2 x 1	149	14,30	19,50	677	500/1000
378501100	10 x 2 x 1	185	16,20	22,10	901	500/1000
378501120	12 x 2 x 1	221	16,50	22,40	968	500/1000
378501160	16 x 2 x 1	293	19,10	25,20	1188	500/1000
378501200	20 x 2 x 1	365	21,10	27,40	1364	500/1000
378501240	24 x 2 x 1	437	22,90	29,20	1516	500/1000
378513010	1 x 2 x 1,3	29	7,00	11,80	255	500/1000
378513020	2 x 2 x 1,3	53	9,90	14,70	394	500/1000
378513040	4 x 2 x 1,3	101	11,60	16,60	504	500/1000
378513060	6 x 2 x 1,3	149	14,00	19,00	656	500/1000
378513080	8 x 2 x 1,3	197	15,40	21,30	861	500/1000
378513100	10 x 2 x 1,3	245	17,40	23,50	1000	500/1000
378513120	12 x 2 x 1,3	293	17,80	23,90	1120	500/1000
378513160	16 x 2 x 1,3	389	20,30	26,40	1321	500/1000
378513200	20 x 2 x 1,3	485	22,90	29,20	1542	500/1000
378513240	24 x 2 x 1,3	581	24,80	31,30	1765	500/1000
378515010	1 x 2 x 1,5	33	7,20	12,00	268	500/1000
378515020	2 x 2 x 1,5	61	10,20	15,00	422	500/1000
378515040	4 x 2 x 1,5	117	12,00	17,00	532	500/1000
378515060	6 x 2 x 1,5	173	15,00	20,10	726	500/1000
378515080	8 x 2 x 1,5	229	16,20	22,10	926	500/1000
378515100	10 x 2 x 1,5	285	18,30	24,40	1083	500/1000
378515120	12 x 2 x 1,5	341	19,10	25,20	1194	500/1000
378515160	16 x 2 x 1,5	453	21,10	27,40	1441	500/1000
378515200	20 x 2 x 1,5	565	24,50	31,00	1734	500/1000
378515240	24 x 2 x 1,5	677	27,60	35,00	2185	500/1000