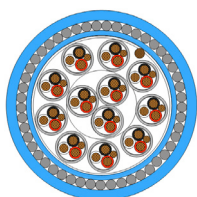
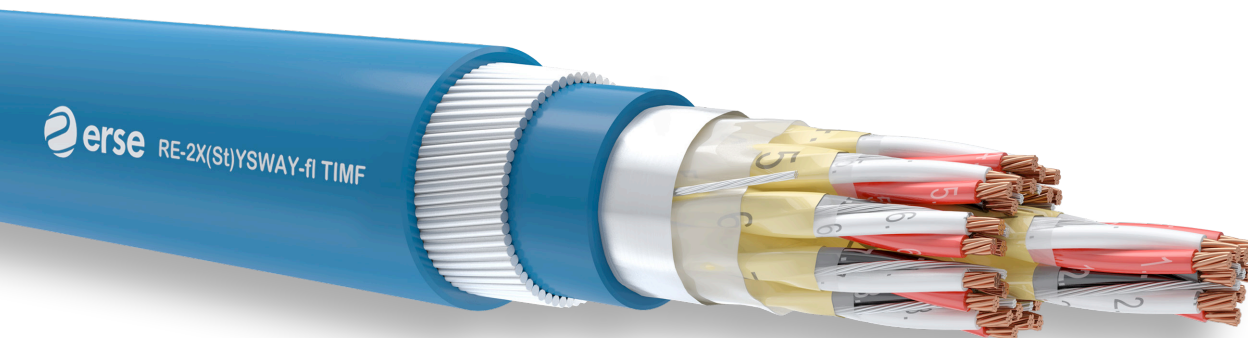


RE-2X(St)YSWAY-fl TIMF

CU/XLPE/TSCR/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 AND RED;
EACH TRIAD NUMBERED
- 4 - Individual Screen** PES TAPE; TINNED COPPER DRAIN WIRE;
AL-PES TAPE
- 5 - Stranding** SCREENED TRIPLES 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 TIMF

CU/XLPE/TSCR/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)
378750020	2 x 3 x 0,50	55	10,20	14,80	411	500/1000
378750040	4 x 3 x 0,50	95	11,80	16,60	521	500/1000
378750060	6 x 3 x 0,50	120	14,10	18,90	646	500/1000
378750080	8 x 3 x 0,50	155	15,30	21,00	843	500/1000
378750100	10 x 3 x 0,50	193	18,10	24,10	1020	500/1000
378750120	12 x 3 x 0,50	230	18,70	24,60	1100	500/1000
378750160	16 x 3 x 0,50	300	20,80	27,30	1300	500/1000
378750200	20 x 3 x 0,50	380	23,20	29,40	1500	500/1000
378750240	24 x 3 x 0,50	446	26,10	32,90	1923	500/1000
378775020	2 x 3 x 0,75	55	11,00	15,80	425	500/1000
378775040	4 x 3 x 0,75	106	12,80	17,60	545	500/1000
378775060	6 x 3 x 0,75	157	15,40	21,10	830	500/1000
378775080	8 x 3 x 0,75	207	16,70	22,40	940	500/1000
378775100	10 x 3 x 0,75	258	19,70	25,60	1157	500/1000
378775120	12 x 3 x 0,75	308	20,40	26,30	1250	500/1000
378775160	16 x 3 x 0,75	410	22,70	28,80	1500	500/1000
378775200	20 x 3 x 0,75	511	25,30	31,60	1754	500/1000
378775240	24 x 3 x 0,75	611	28,70	35,90	2290	500/1000
378701020	2 x 3 x 1	70	11,80	16,60	478	500/1000
378701040	4 x 3 x 1	135	13,60	18,60	610	500/1000
378701060	6 x 3 x 1	200	16,50	22,20	940	500/1000
378701080	8 x 3 x 1	266	17,90	23,80	1060	500/1000
378701100	10 x 3 x 1	331	21,20	27,30	1300	500/1000
378701120	12 x 3 x 1	396	21,90	28,00	1400	500/1000
378701160	16 x 3 x 1	526	24,70	31,00	1738	500/1000
378701200	20 x 3 x 1	658	27,30	34,30	2200	500/1000
378701240	24 x 3 x 1	788	31,00	38,40	2610	500/1000
378713020	2 x 3 x 1,3	86	12,70	17,50	515	500/1000
378713040	4 x 3 x 1,3	168	14,90	19,90	700	500/1000
378713060	6 x 3 x 1,3	249	17,90	23,80	1055	500/1000
378713080	8 x 3 x 1,3	331	19,50	25,40	1200	500/1000
378713100	10 x 3 x 1,3	414	23,00	29,20	1500	500/1000
378713120	12 x 3 x 1,3	495	23,90	30,00	1610	500/1000
378713160	16 x 3 x 1,3	658	26,70	33,70	2170	500/1000
378713200	20 x 3 x 1,3	823	30,10	37,40	2491	500/1000
378713240	24 x 3 x 1,3	986	33,70	41,20	3010	500/1000
378715020	2 x 3 x 1,5	98	13,00	17,90	545	500/1000
378715040	4 x 3 x 1,5	191	15,20	20,30	735	500/1000
378715060	6 x 3 x 1,5	284	18,40	24,40	1115	500/1000
378715080	8 x 3 x 1,5	377	20,00	26,00	1280	500/1000
378715100	10 x 3 x 1,5	471	23,70	29,90	1570	500/1000
378715120	12 x 3 x 1,5	564	24,60	31,00	1750	500/1000
378715160	16 x 3 x 1,5	750	27,90	35,20	2365	500/1000
378715200	20 x 3 x 1,5	937	31,10	38,60	2740	500/1000
378715240	24 x 3 x 1,5	1123	34,90	42,50	3220	500/1000