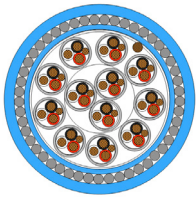
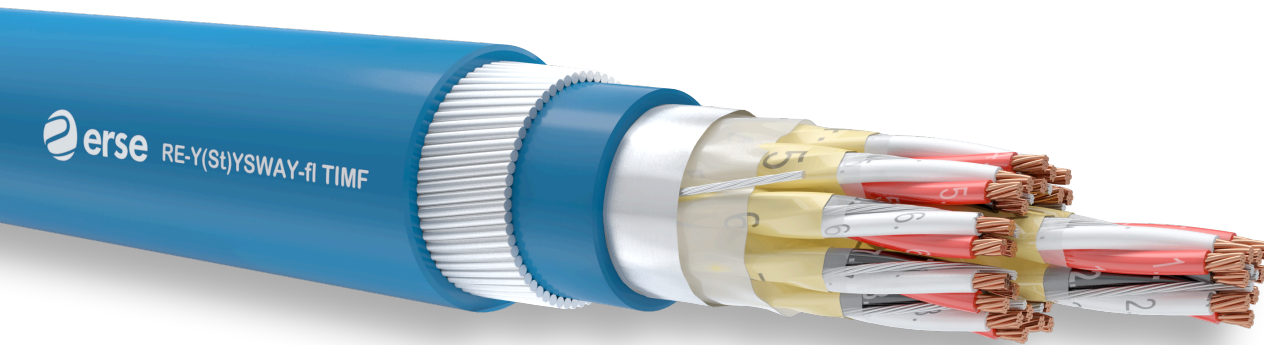


# RE-Y(St)YSWAY-fi TIMF

CU/PVC/TSCR/OSCR/PVC/SWA/PVC



VERY GOOD EMC\* CHARACTERISTICS /  
SUITABLE TO BURRY 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 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. 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
- FI\***: 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 <sup>2</sup> Ω/km	MΩxKm	mm <sup>2</sup> pF/m		
0,50 36		0,50 160	- 30°C-+70°C (FIXED LAYING)	IEC 60332-3-24
0,75 24,5		0,75 160		VDE 0482-332-3-24
1,0 18,1	100	1,0 160		EN 60332-3-24
1,3 13,9		1,3 170		BS EN 60332-3-24
1,5 12,1		1,5 170		
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	300/500 V.	Cr./Cr.=2000 V	10X Cable Ø
0,75 25	0,75 13		Cr./Scrn.=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

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

CU/PVC/TSCR/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)
373150020	2 x 3 x 0,50	42	10,40	15,00	395	500/1000
373150040	4 x 3 x 0,50	79	12,00	16,80	508	500/1000
373150060	6 x 3 x 0,50	116	14,30	19,10	655	500/1000
373150080	8 x 3 x 0,50	152	15,50	21,20	855	500/1000
373150100	10 x 3 x 0,50	189	18,30	24,20	1035	500/1000
373150120	12 x 3 x 0,50	225	18,90	24,80	1115	500/1000
373150160	16 x 3 x 0,50	299	21,00	27,40	1350	500/1000
373150200	20 x 3 x 0,50	373	23,40	29,50	1560	500/1000
373150240	24 x 3 x 0,50	447	26,20	33,00	1975	500/1000
373175020	2 x 3 x 0,75	55	11,10	15,90	439	500/1000
373175040	4 x 3 x 0,75	106	12,90	17,70	569	500/1000
373175060	6 x 3 x 0,75	157	15,50	21,20	859	500/1000
373175080	8 x 3 x 0,75	207	16,80	22,50	968	500/1000
373175100	10 x 3 x 0,75	258	19,80	25,70	1176	500/1000
373175120	12 x 3 x 0,75	308	20,50	26,40	1273	500/1000
373175160	16 x 3 x 0,75	410	22,80	28,90	1536	500/1000
373175200	20 x 3 x 0,75	511	25,40	31,70	1800	500/1000
373175240	24 x 3 x 0,75	611	28,80	36,00	2360	500/1000
373101020	2 x 3 x 1	70	11,90	16,70	485	500/1000
373101040	4 x 3 x 1	135	13,70	18,70	630	500/1000
373101060	6 x 3 x 1	200	16,60	22,30	960	500/1000
373101080	8 x 3 x 1	266	18,00	23,90	1130	500/1000
373101100	10 x 3 x 1	331	21,00	27,40	1370	500/1000
373101120	12 x 3 x 1	396	22,00	28,10	1480	500/1000
373101160	16 x 3 x 1	526	24,80	31,10	1791	500/1000
373101200	20 x 3 x 1	658	27,40	34,40	2300	500/1000
373101240	24 x 3 x 1	788	31,10	38,50	2740	500/1000
373113020	2 x 3 x 1,3	86	12,80	17,60	534	500/1000
373113040	4 x 3 x 1,3	168	15,00	20,00	718	500/1000
373113060	6 x 3 x 1,3	249	18,00	23,90	1090	500/1000
373113080	8 x 3 x 1,3	331	19,60	25,50	1270	500/1000
373113100	10 x 3 x 1,3	414	23,20	29,30	1580	500/1000
373113120	12 x 3 x 1,3	495	24,00	30,10	1700	500/1000
373113160	16 x 3 x 1,3	658	26,80	33,80	2280	500/1000
373113200	20 x 3 x 1,3	823	30,30	37,50	2700	500/1000
373113240	24 x 3 x 1,3	986	33,90	41,30	3150	500/1000
373115020	2 x 3 x 1,5	98	13,20	18,00	563	500/1000
373115040	4 x 3 x 1,5	191	15,40	20,40	760	500/1000
373115060	6 x 3 x 1,5	284	18,60	24,50	1152	500/1000
373115080	8 x 3 x 1,5	377	20,20	26,10	1324	500/1000
373115100	10 x 3 x 1,5	471	23,90	30,00	1607	500/1000
373115120	12 x 3 x 1,5	564	24,80	31,10	1820	500/1000
373115160	16 x 3 x 1,5	750	28,10	35,30	2450	500/1000
373115200	20 x 3 x 1,5	937	31,30	38,70	2830	500/1000
373115240	24 x 3 x 1,5	1123	35,00	42,60	3320	500/1000