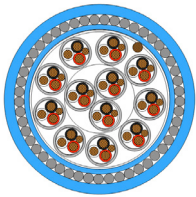
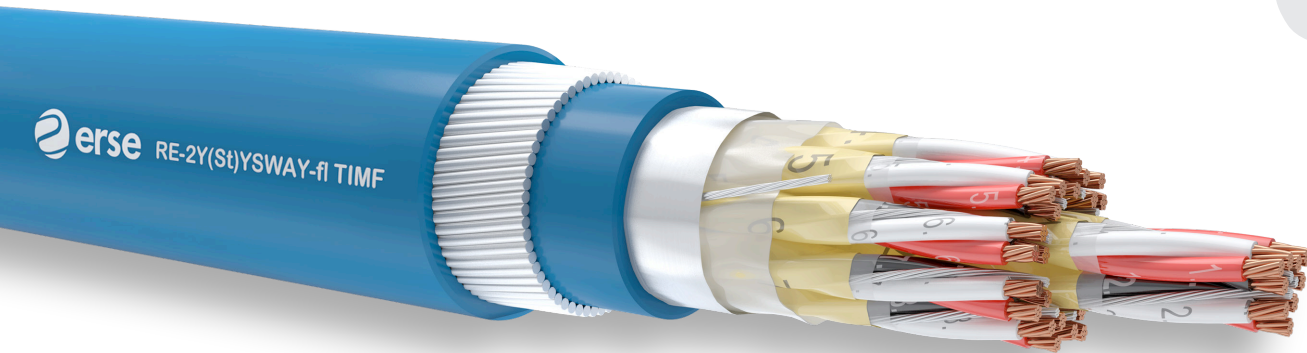


RE-2Y(St)YSWAY-fl TIMF

CU/PE/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 50290-2-23 PE COMPOUND
- 3 - Colour Code** BS 5308-1 OR BLACK-WHITE AND RED;
EACH TRIAD NUMBERED
- 4 - Individual Screen** PES TAP; 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	- 30°C-+70°C (FIXED LAYING)	IEC 60332-3-24
0,75 24,5		0,75 100		VDE0482-332-3-24
1,0 18,1	5000	1,0 100		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	300/500 V.	Cr./Cr.=2000 V	10X Cable Ø
0,75 25	0,75 13		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 5308-1
- EN 50288-7

RE-2Y(St)YSWAY-fi TIMF

CU/PE/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)
375150020	2 x 3 x 0,50	42	10,10	14,70	390	500/1000
375150040	4 x 3 x 0,50	79	11,70	16,50	497	500/1000
375150060	6 x 3 x 0,50	116	14,00	18,80	637	500/1000
375150080	8 x 3 x 0,50	152	15,20	20,90	835	500/1000
375150100	10 x 3 x 0,50	189	18,00	24,00	1007	500/1000
375150120	12 x 3 x 0,50	225	18,60	24,80	1083	500/1000
375150160	16 x 3 x 0,50	299	20,70	27,40	1290	500/1000
375150200	20 x 3 x 0,50	373	23,10	29,50	1496	500/1000
375150240	24 x 3 x 0,50	447	25,90	33,00	1903	500/1000
375175020	2 x 3 x 0,75	55	10,90	15,90	432	500/1000
375175040	4 x 3 x 0,75	106	12,90	17,70	557	500/1000
375175060	6 x 3 x 0,75	157	15,50	21,00	840	500/1000
375175080	8 x 3 x 0,75	207	16,80	22,50	940	500/1000
375175100	10 x 3 x 0,75	258	19,80	25,70	1160	500/1000
375175120	12 x 3 x 0,75	308	20,50	26,40	1260	500/1000
375175160	16 x 3 x 0,75	410	22,80	28,90	1500	500/1000
375175200	20 x 3 x 0,75	511	25,40	31,70	1760	500/1000
375175240	24 x 3 x 0,75	611	28,80	36,00	2300	500/1000
375101020	2 x 3 x 1	70	11,90	16,70	478	500/1000
375101040	4 x 3 x 1	135	13,70	18,70	621	500/1000
375101060	6 x 3 x 1	200	16,60	22,30	925	500/1000
375101080	8 x 3 x 1	266	18,00	23,90	1072	500/1000
375101100	10 x 3 x 1	331	20,70	27,40	1308	500/1000
375101120	12 x 3 x 1	396	22,00	28,10	1415	500/1000
375101160	16 x 3 x 1	526	24,80	31,10	1738	500/1000
375101200	20 x 3 x 1	658	27,40	34,40	2200	500/1000
375101240	24 x 3 x 1	788	31,10	38,50	2610	500/1000
375113020	2 x 3 x 1,3	86	12,80	17,60	526	500/1000
375113040	4 x 3 x 1,3	168	15,00	20,00	700	500/1000
375113060	6 x 3 x 1,3	249	18,00	23,90	1062	500/1000
375113080	8 x 3 x 1,3	331	19,60	25,50	1211	500/1000
375113100	10 x 3 x 1,3	425	23,20	29,30	1500	500/1000
375113120	12 x 3 x 1,3	526	24,00	30,10	1610	500/1000
375113160	16 x 3 x 1,3	658	26,80	33,80	2180	500/1000
375113200	20 x 3 x 1,3	823	30,30	37,50	2600	500/1000
375113240	24 x 3 x 1,3	986	33,90	41,30	3030	500/1000
375115020	2 x 3 x 1,5	98	13,20	18,00	545	500/1000
375115040	4 x 3 x 1,5	191	15,40	20,40	744	500/1000
375115060	6 x 3 x 1,5	284	18,60	24,50	1127	500/1000
375115080	8 x 3 x 1,5	377	20,20	26,10	1291	500/1000
375115100	10 x 3 x 1,5	471	23,90	30,00	1570	500/1000
375115120	12 x 3 x 1,5	564	24,80	31,10	1750	500/1000
375115160	16 x 3 x 1,5	750	28,10	35,30	2370	500/1000
375115200	20 x 3 x 1,5	937	31,30	38,70	2760	500/1000
375115240	24 x 3 x 1,5	1123	35,00	42,60	3220	500/1000