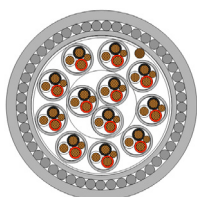
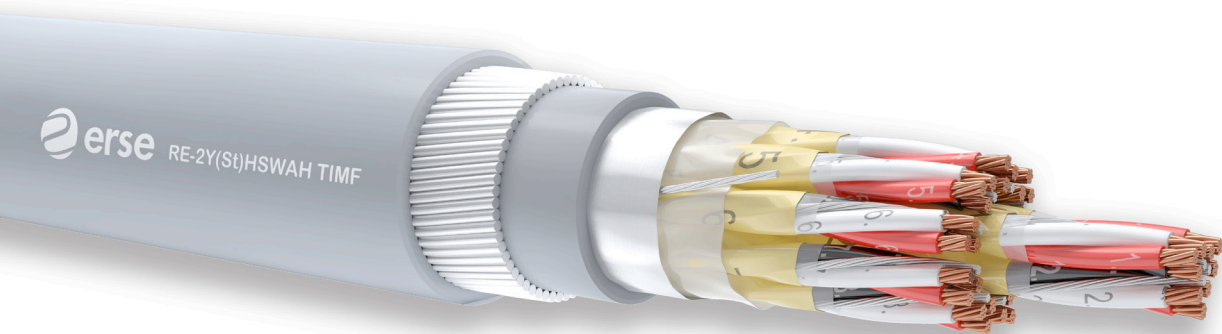


RE-2Y(St)HSWAH-TIMF

CU/PE/TSCR/OSCR/LSZH/ SWA/LSZH



VERY GOOD EMC* CHARACTERISTICS / SMALL BENDING RADIUS
 FLAME RETARDANT AND HYDROCARBON RESISTANT/
 LOW SMOKE EMISSION WITHOUT POISONED AND CORROSIVE GASSES



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-RED
EACH TRIAD NUMBERED
- 4 - Individual Screen** PES TAPE; TINNED DRAIN WIRE; AL-PES TAPE
- 5 - Stranding** SCREENED TRIPLE IN LAYERS
- 6 - Wrapping** PES TAPE
- 7 - Overall Screen** TINNED COPPER DRAIN WIRE; AL-PES TAPE
- 8 - Inner Sheath** EN 50290-2-27 LSZH COMPOUND
- 9 - Armour** GALVANIZED ROUND STEEL WIRES
- 10 - Sheath** EN 50290-2-27 LSZH COMPOUND
- 11 - Sheath Colour** RAL 5015* BLUE; RAL 9005* BLACK;
RAL 7001* GREY

APPLICATION

-Indoor environments intensely populated by people where there is electromagnetic interference.

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. Dry-moist and wet places, at indoor
7. Gas Stations
8. Water Conveyance Systems

NOTES

- EMC*:** Electromagnetic compatibility
Ral 5015 blue sheath*: In explosive and flare up places as ex-proof connecting, intrinsically safe
Ral 9005 black sheath*: Places where UV resistance is required
Ral 7001 grey sheath*: Inside of buildings

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-+70°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	10X Cable Ø
1,0 25	1,0 16			
1,3 40	1,3 18			
1,5 40	1,5 20			

SMOKE DENSITY	TEST ON CORROSIVENESS OF COMBUSTION GASES	HALOGEN FREE TEST
IEC 61034-2	IEC 60754-2	IEC 60754-1
VDE 0482-1034-2	VDE 0482-267-2-3	VDE 0482-267-2-1
EN 61034-2	EN 50267-2-3	EN 50267-2-1
BS EN 61034-2	BS EN 50267-2-3	BS EN 50267-2-1

DESIGN STANDARDS

- PAS 5308-1
- EN 50288-7

RE-2Y(St)HSWAH-TIMF**CU/PE/TSCR/OSCR/LSZH/ SWA/LSZH**

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)
377550020	2 x 3 x 0,50	42	10,40	15,00	401	500/1000
377550040	4 x 3 x 0,50	79	11,70	16,50	510	500/1000
377550060	6 x 3 x 0,50	116	14,00	18,80	651	500/1000
377550080	8 x 3 x 0,50	152	15,20	20,90	851	500/1000
377550100	10 x 3 x 0,50	189	18,00	23,90	1028	500/1000
377550120	12 x 3 x 0,50	225	18,60	24,50	1102	500/1000
377550160	16 x 3 x 0,50	299	20,70	27,10	1324	500/1000
377550200	20 x 3 x 0,50	373	23,10	29,20	1523	500/1000
377550240	24 x 3 x 0,50	447	25,90	32,70	1934	500/1000
377575020	2 x 3 x 0,75	55	10,80	15,60	445	500/1000
377575040	4 x 3 x 0,75	106	12,60	17,40	571	500/1000
377575060	6 x 3 x 0,75	157	15,20	20,90	858	500/1000
377575080	8 x 3 x 0,75	207	16,50	22,20	962	500/1000
377575100	10 x 3 x 0,75	258	19,50	25,40	1170	500/1000
377575120	12 x 3 x 0,75	308	20,20	26,10	1260	500/1000
377575160	16 x 3 x 0,75	410	22,50	28,60	1515	500/1000
377575200	20 x 3 x 0,75	511	25,10	31,40	1785	500/1000
377575240	24 x 3 x 0,75	611	28,50	35,70	2300	500/1000
377501020	2 x 3 x 1	70	11,60	16,40	491	500/1000
377501040	4 x 3 x 1	135	13,40	18,40	637	500/1000
377501060	6 x 3 x 1	200	16,30	22,00	957	500/1000
377501080	8 x 3 x 1	266	17,70	23,60	1093	500/1000
377501100	10 x 3 x 1	331	21,00	27,10	1334	500/1000
377501120	12 x 3 x 1	396	21,70	27,80	1442	500/1000
377501160	16 x 3 x 1	526	24,50	30,80	1768	500/1000
377501200	20 x 3 x 1	658	27,10	34,10	2225	500/1000
377501240	24 x 3 x 1	788	30,80	38,20	2651	500/1000
377513020	2 x 3 x 1,3	86	12,50	17,30	540	500/1000
377513040	4 x 3 x 1,3	168	14,70	19,70	719	500/1000
377513060	6 x 3 x 1,3	249	17,70	23,60	1083	500/1000
377513080	8 x 3 x 1,3	331	19,30	25,20	1233	500/1000
377513100	10 x 3 x 1,3	414	22,90	29,00	1500	500/1000
377513120	12 x 3 x 1,3	495	23,70	29,80	1637	500/1000
377513160	16 x 3 x 1,3	658	26,50	33,50	2180	500/1000
377513200	20 x 3 x 1,3	823	30,00	37,20	2615	500/1000
377513240	24 x 3 x 1,3	986	33,60	41,00	3030	500/1000
377515020	2 x 3 x 1,5	98	12,90	17,70	568	500/1000
377515040	4 x 3 x 1,5	191	15,10	20,10	762	500/1000
377515060	6 x 3 x 1,5	284	18,30	24,20	1149	500/1000
377515080	8 x 3 x 1,5	377	19,90	25,80	1312	500/1000
377515100	10 x 3 x 1,5	471	23,60	29,70	1593	500/1000
377515120	12 x 3 x 1,5	564	24,50	30,80	1762	500/1000
377515160	16 x 3 x 1,5	750	27,80	35,00	2393	500/1000
377515200	20 x 3 x 1,5	937	31,00	38,40	2797	500/1000
377515240	24 x 3 x 1,5	1123	34,70	42,30	3255	500/1000