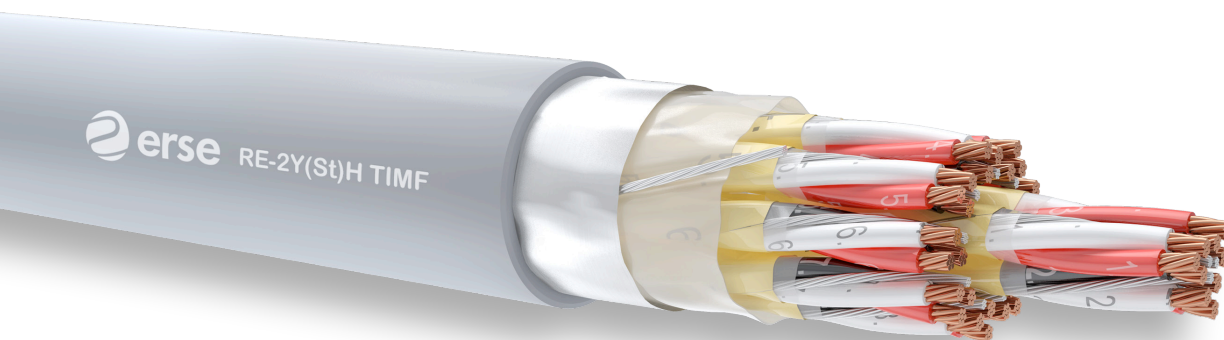


RE-2Y(St)H-TIMF

CU/PE/TSCR/OSCR/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 TRIPLES IN LAYERS
- 6 - Wrapping** PES TAPE
- 7 - Overall Screen** TINNED COPPER DRAIN WIRE; AL-PES TAPE
- 8 - Sheath** EN 50290-2-27 LSZH COMPOUND
- 9 - Sheath Colour** RAL 5015* BLUE / RAL 7001* GREY
/ RAL 9005* BLACK

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 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	7,5X 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)H-TIMF

CU/PE/TSCR/OSCR/LSZH

CODE NR.	NUMBER OF CORE CROSS SECTION (mm ²)	OVERALL DIAMETER (mm)	COPPER WEIGHT (kg/km)	APPROX. WEIGHT (kg/km)	STANDART LENGTH (mt)
376950020	2 x 3 x 0,50	10,10	42	122	500/1000
376950040	4 x 3 x 0,50	12,00	79	200	500/1000
376950060	6 x 3 x 0,50	14,50	116	280	500/1000
376950080	8 x 3 x 0,50	15,50	152	330	500/1000
376950100	10 x 3 x 0,50	18,60	189	406	500/1000
376950120	12 x 3 x 0,50	19,20	225	465	500/1000
376950160	16 x 3 x 0,50	21,50	299	604	500/1000
376950200	20 x 3 x 0,50	24,10	373	738	500/1000
376950240	24 x 3 x 0,50	27,50	447	900	500/1000
376975020	2 x 3 x 0,75	10,80	55	140	500/1000
376975040	4 x 3 x 0,75	12,80	106	228	500/1000
376975060	6 x 3 x 0,75	15,60	157	346	500/1000
376975080	8 x 3 x 0,75	17,10	207	422	500/1000
376975100	10 x 3 x 0,75	20,30	258	505	500/1000
376975120	12 x 3 x 0,75	21,00	308	580	500/1000
376975160	16 x 3 x 0,75	23,50	410	755	500/1000
376975200	20 x 3 x 0,75	26,30	511	932	500/1000
376975240	24 x 3 x 0,75	29,50	611	1110	500/1000
376901020	2 x 3 x 1	11,80	70	170	500/1000
376901040	4 x 3 x 1	13,80	135	271	500/1000
376901060	6 x 3 x 1	17,00	200	425	500/1000
376901080	8 x 3 x 1	18,30	266	482	500/1000
376901100	10 x 3 x 1	22,00	331	615	500/1000
376901120	12 x 3 x 1	22,80	396	708	500/1000
376901160	16 x 3 x 1	25,50	526	924	500/1000
376901200	20 x 3 x 1	28,50	658	1129	500/1000
376901240	24 x 3 x 1	32,00	788	1350	500/1000
376913020	2 x 3 x 1,3	12,70	86	200	500/1000
376913040	4 x 3 x 1,3	15,10	168	333	500/1000
376913060	6 x 3 x 1,3	18,30	249	500	500/1000
376913080	8 x 3 x 1,3	20,10	331	580	500/1000
376913100	10 x 3 x 1,3	24,00	414	735	500/1000
376913120	12 x 3 x 1,3	25,00	495	850	500/1000
376913160	16 x 3 x 1,3	28,00	658	1115	500/1000
376913200	20 x 3 x 1,3	31,20	823	1358	500/1000
376913240	24 x 3 x 1,3	35,00	986	1622	500/1000
376915020	2 x 3 x 1,5	13,10	98	220	500/1000
376915040	4 x 3 x 1,5	15,50	191	370	500/1000
376915060	6 x 3 x 1,5	19,00	284	520	500/1000
376915080	8 x 3 x 1,5	20,80	377	700	500/1000
376915100	10 x 3 x 1,5	24,80	471	870	500/1000
376915120	12 x 3 x 1,5	25,70	564	1020	500/1000
376915160	16 x 3 x 1,5	28,80	750	1350	500/1000
376915200	20 x 3 x 1,5	32,20	937	1650	500/1000
376915240	24 x 3 x 1,5	36,40	1123	2000	500/1000