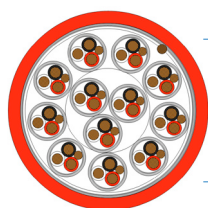
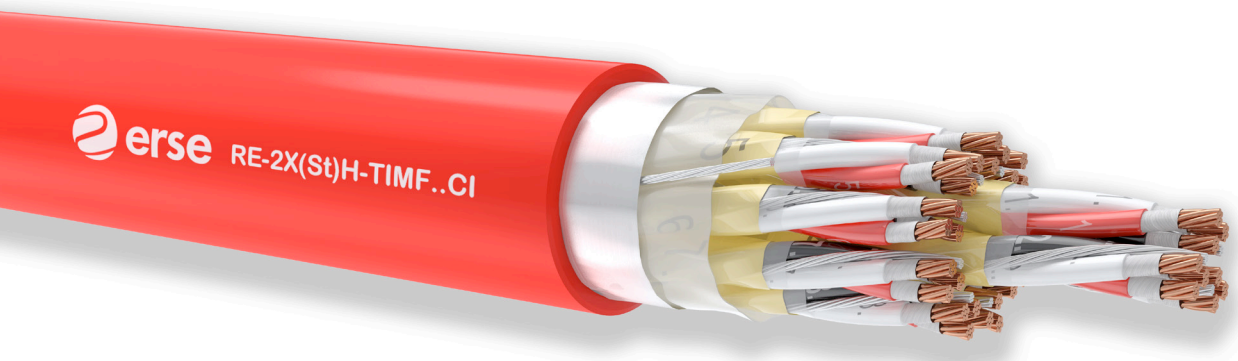


RE-2X(St)H-TIMF..CI

CU/MGT+XLPE/TSCR/OSCR/LSZH..CI



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



CONSTRUCTION

- 1 - Conductor** IEC 60228 / DIN VDE 0295 / EN 60228
- 2 - Insulation** MICA TAPE+EN 50290-2-29 XLPE 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 9005* BLACK
RAL 2003* ORANGE; RAL 3000* RED

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
9. In applications where maintenance of circuit integrity in case of fire is required

NOTES

EMC*: Electromagnetic compatibility

CI*: Fire Resistant

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

Ral 2003 orange 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-+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	7,5 X 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	FIRE RESISTANT TEST
IEC 61034-2	IEC 60754-2	IEC 60754-1	IEC 60331-21
VDE 0482-1034-2	VDE 0482-267-2-3	VDE 0482-267-2-1	IEC 60331-23
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-2X(St)H-TIMF..CI**CU/MGT+XLPE/TSCR/OSCR/LSZH..CI**

CODE NR.	NUMBER OF CORE CROSS SECTION (mm ²)	OVERALL DIAMETER (mm)	COPPER WEIGHT (kg/km)	APPROX. WEIGHT (kg/km)	STANDART LENGTH (mt)
381350020	2 x 3 x 0,50	10,10	42	125	500/1000
381350040	4 x 3 x 0,50	12,00	79	203	500/1000
381350060	6 x 3 x 0,50	14,50	116	288	500/1000
381350080	8 x 3 x 0,50	15,70	152	358	500/1000
381350100	10 x 3 x 0,50	18,70	189	452	500/1000
381350120	12 x 3 x 0,50	19,20	225	522	500/1000
381350160	16 x 3 x 0,50	21,50	299	678	500/1000
381350200	20 x 3 x 0,50	24,00	373	843	500/1000
381350240	24 x 3 x 0,50	27,50	447	1020	500/1000
381375020	2 x 3 x 0,75	10,80	55	145	500/1000
381375040	4 x 3 x 0,75	12,80	106	238	500/1000
381375060	6 x 3 x 0,75	15,60	157	361	500/1000
381375080	8 x 3 x 0,75	17,10	207	442	500/1000
381375100	10 x 3 x 0,75	20,30	258	564	500/1000
381375120	12 x 3 x 0,75	21,00	308	651	500/1000
381375160	16 x 3 x 0,75	23,50	410	854	500/1000
381375200	20 x 3 x 0,75	26,30	511	1050	500/1000
381375240	24 x 3 x 0,75	29,50	611	1250	500/1000
381301020	2 x 3 x 1	11,80	70	176	500/1000
381301040	4 x 3 x 1	13,80	135	247	500/1000
381301060	6 x 3 x 1	17,00	200	437	500/1000
381301080	8 x 3 x 1	18,30	266	534	500/1000
381301100	10 x 3 x 1	22,00	331	687	500/1000
381301120	12 x 3 x 1	22,80	396	794	500/1000
381301160	16 x 3 x 1	25,50	526	1005	500/1000
381301200	20 x 3 x 1	28,50	658	1270	500/1000
381301240	24 x 3 x 1	32,00	788	1466	500/1000
381313020	2 x 3 x 1,3	12,70	86	205	500/1000
381313040	4 x 3 x 1,3	15,10	168	343	500/1000
381313060	6 x 3 x 1,3	18,30	249	518	500/1000
381313080	8 x 3 x 1,3	20,10	331	644	500/1000
381313100	10 x 3 x 1,3	24,00	414	811	500/1000
381313120	12 x 3 x 1,3	25,00	495	944	500/1000
381313160	16 x 3 x 1,3	28,00	658	1254	500/1000
381313200	20 x 3 x 1,3	31,20	823	1543	500/1000
381313240	24 x 3 x 1,3	35,00	986	1844	500/1000
381315020	2 x 3 x 1,5	13,00	98	224	500/1000
381315040	4 x 3 x 1,5	15,50	191	376	500/1000
381315060	6 x 3 x 1,5	19,10	284	568	500/1000
381315080	8 x 3 x 1,5	20,90	377	710	500/1000
381315100	10 x 3 x 1,5	24,80	471	898	500/1000
381315120	12 x 3 x 1,5	25,70	564	1052	500/1000
381315160	16 x 3 x 1,5	28,80	750	1384	500/1000
381315200	20 x 3 x 1,5	32,20	937	1700	500/1000
381315240	24 x 3 x 1,5	36,50	1123	2050	500/1000