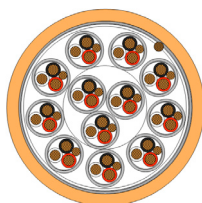
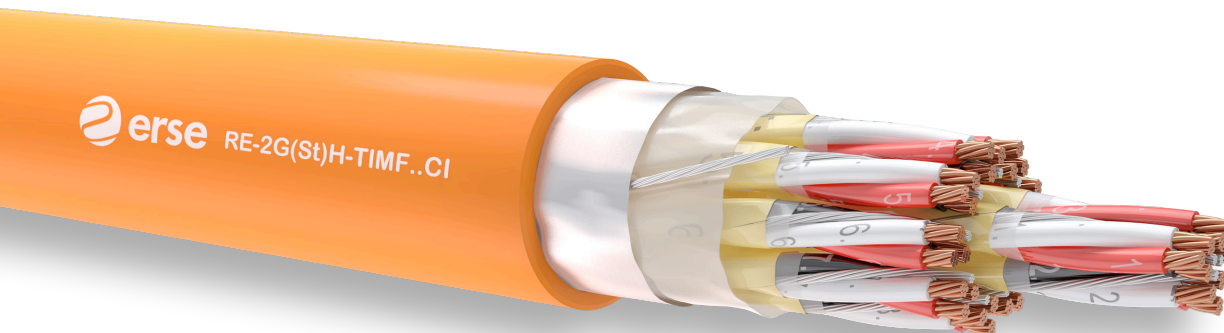


RE-2G(St)H-TIMF..CI

CU/SI/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** EN 50363-1 EI2 SILICONE
- 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 OR
RAL 3000* RED

TECHNICAL CHARACTERISTICS

CONDUCTOR	INSULATION	MUTUAL	TEMPERATURE	FLAME
RESISTANCE	RESISTANCE	CAPACITY	RANGE	PROPAGATION
CLASS2(MAX)	(MIN)	(MAX)		
mm ² Ω/km	MΩxKm	mm ² pF/m		
0,50 36		0,50 150		IEC 60332-3-24
0,75 24,5		0,75 150	- 30°C-+90°C	VDE0482-332-3-24
1,0 18,1	300	1,0 150	(FIXED LAYING)	EN 60332-3-24
1,3 13,9		1,3 150		BS EN 60332-3-24
1,5 12,1		1,5 150		

L/R(RATIO)	CURRENT	OPERATING	TEST	BENDING
(MAX)	LOAD(25°C)	VOLTAGE	VOLTAGE	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	HALOGEN	FIRE RESISTANT
	OF COMBUSTION GASES	FREE TEST	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	

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

DESIGN STANDARDS

PAS 5308-1
EN 50288-7

RE-2G(St)H-TIMF..CI**CU/SI/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)
382150020	2 x 3 x 0,50	10,10	42	125	500/1000
382150040	4 x 3 x 0,50	12,00	79	203	500/1000
382150060	6 x 3 x 0,50	14,50	116	288	500/1000
382150080	8 x 3 x 0,50	15,70	152	358	500/1000
382150100	10 x 3 x 0,50	18,70	189	452	500/1000
382150120	12 x 3 x 0,50	19,20	225	522	500/1000
382150160	16 x 3 x 0,50	21,50	299	678	500/1000
382150200	20 x 3 x 0,50	24,20	373	843	500/1000
382150240	24 x 3 x 0,50	27,50	447	1020	500/1000
382175020	2 x 3 x 0,75	10,80	55	145	500/1000
382175040	4 x 3 x 0,75	12,80	106	238	500/1000
382175060	6 x 3 x 0,75	15,60	157	361	500/1000
382175080	8 x 3 x 0,75	17,10	207	442	500/1000
382175100	10 x 3 x 0,75	20,30	258	564	500/1000
382175120	12 x 3 x 0,75	21,00	308	651	500/1000
382175160	16 x 3 x 0,75	23,50	410	854	500/1000
382175200	20 x 3 x 0,75	26,30	511	1050	500/1000
382175240	24 x 3 x 0,75	29,50	611	1250	500/1000
382101020	2 x 3 x 1	11,80	70	176	500/1000
382101040	4 x 3 x 1	13,80	135	247	500/1000
382101060	6 x 3 x 1	17,00	200	437	500/1000
382101080	8 x 3 x 1	18,30	266	534	500/1000
382101100	10 x 3 x 1	22,00	331	687	500/1000
382101120	12 x 3 x 1	22,80	396	794	500/1000
382101160	16 x 3 x 1	25,50	526	1005	500/1000
382101200	20 x 3 x 1	28,50	658	1270	500/1000
382101240	24 x 3 x 1	32,00	788	1466	500/1000
382113020	2 x 3 x 1,3	12,70	86	205	500/1000
382113040	4 x 3 x 1,3	15,10	168	343	500/1000
382113060	6 x 3 x 1,3	18,30	249	518	500/1000
382113080	8 x 3 x 1,3	20,10	331	644	500/1000
382113100	10 x 3 x 1,3	24,00	414	811	500/1000
382113120	12 x 3 x 1,3	25,00	495	944	500/1000
382113160	16 x 3 x 1,3	28,00	658	1254	500/1000
382113200	20 x 3 x 1,3	31,20	823	1543	500/1000
382113240	24 x 3 x 1,3	35,00	986	1844	500/1000
382115020	2 x 3 x 1,5	13,20	98	224	500/1000
382115040	4 x 3 x 1,5	15,50	191	376	500/1000
382115060	6 x 3 x 1,5	19,00	284	568	500/1000
382115080	8 x 3 x 1,5	20,80	377	710	500/1000
382115100	10 x 3 x 1,5	24,80	471	898	500/1000
382115120	12 x 3 x 1,5	25,70	564	1052	500/1000
382115160	16 x 3 x 1,5	28,80	750	1384	500/1000
382115200	20 x 3 x 1,5	32,20	937	1700	500/1000
382115240	24 x 3 x 1,5	36,40	1123	2050	500/1000