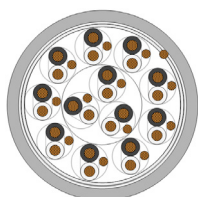
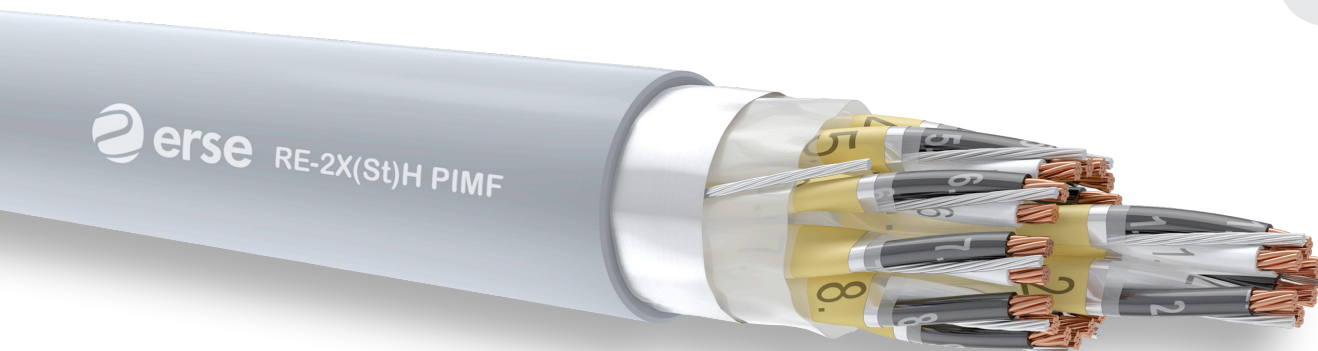


RE-2X(St)H-PIMF

CU/XLPE/PSCR/OSCR/LSZH



VERY GOOD EMC* 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 50290-2-29 XLPE COMPOUND
- 3 - Colour Code** BS 5308-1 OR BLACK-WHITE
EACH PAIR NUMBERED
- 4 - Individual screen** PES TAPE; TINNED DRAIN WIRE; AL-PES TAPE
- 5 - Stranding** PAIRWISE, SCREENED PAIRS 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
OR 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*: At ex-proof connections in explosive and in flammable environments, 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-+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
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-2X(St)H-PIMF**CU/XLPE/PSCR/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)
380050020	2 x 2 x 0,50	9,40	32	88	500/1000
380050040	4 x 2 x 0,50	10,90	60	140	500/1000
380050060	6 x 2 x 0,50	13,00	88	221	500/1000
380050080	8 x 2 x 0,50	14,50	115	265	500/1000
380050100	10 x 2 x 0,50	17,10	143	334	500/1000
380050120	12 x 2 x 0,50	17,60	170	373	500/1000
380050160	16 x 2 x 0,50	19,80	225	483	500/1000
380050200	20 x 2 x 0,50	21,90	280	575	500/1000
380050240	24 x 2 x 0,50	24,60	336	688	500/1000
380075020	2 x 2 x 0,75	10,10	42	107	500/1000
380075040	4 x 2 x 0,75	11,90	79	179	500/1000
380075060	6 x 2 x 0,75	14,50	116	271	500/1000
380075080	8 x 2 x 0,75	15,60	154	318	500/1000
380075100	10 x 2 x 0,75	18,60	191	400	500/1000
380075120	12 x 2 x 0,75	19,20	228	457	500/1000
380075160	16 x 2 x 0,75	21,60	302	601	500/1000
380075200	20 x 2 x 0,75	24,20	377	732	500/1000
380075240	24 x 2 x 0,75	17,00	451	877	500/1000
380001020	2 x 2 x 1	10,90	51	121	500/1000
380001040	4 x 2 x 1	12,80	98	211	500/1000
380001060	6 x 2 x 1	15,70	145	318	500/1000
380001080	8 x 2 x 1	17,10	192	385	500/1000
380001100	10 x 2 x 1	20,20	239	484	500/1000
380001120	12 x 2 x 1	21,00	285	556	500/1000
380001160	16 x 2 x 1	23,40	379	701	500/1000
380001200	20 x 2 x 1	26,30	473	855	500/1000
380001240	24 x 2 x 1	29,50	566	1021	500/1000
380013020	2 x 2 x 1,3	11,90	63	163	500/1000
380013040	4 x 2 x 1,3	13,70	120	242	500/1000
380013060	6 x 2 x 1,3	16,90	179	378	500/1000
380013080	8 x 2 x 1,3	18,30	237	447	500/1000
380013100	10 x 2 x 1,3	21,70	295	561	500/1000
380013120	12 x 2 x 1,3	22,60	353	658	500/1000
380013160	16 x 2 x 1,3	25,40	467	864	500/1000
380013200	20 x 2 x 1,3	28,30	585	1020	500/1000
380013240	24 x 2 x 1,3	31,80	700	1210	500/1000
380015020	2 x 2 x 1,5	12,20	70	160	500/1000
380015040	4 x 2 x 1,5	14,60	135	245	500/1000
380015060	6 x 2 x 1,5	17,40	200	401	500/1000
380015820	8 x 2 x 1,5	19,00	265	475	500/1000
380015100	10 x 2 x 1,5	22,70	331	601	500/1000
380015120	12 x 2 x 1,5	23,40	396	701	500/1000
380015160	16 x 2 x 1,5	26,30	526	910	500/1000
380015200	20 x 2 x 1,5	29,60	657	1106	500/1000
380015240	24 x 2 x 1,5	32,90	787	1330	500/1000