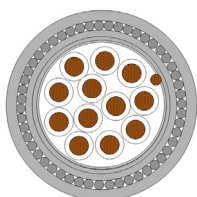
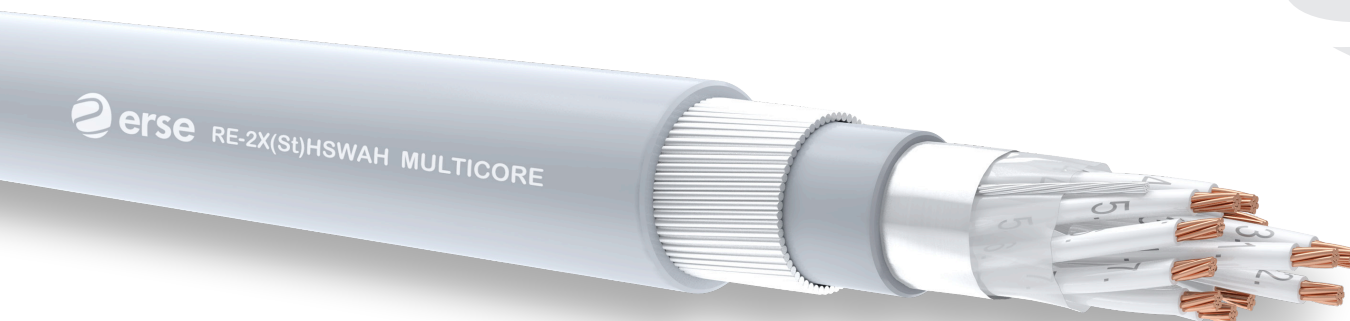


RE-2X(St)HSWAH (MULTICORE)

CU/XLPE/OSCR/LSZH/ SWA/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** WHITE INSULATED CORES WITH BLACK NUMBER IMPRINTED IN LAYERS OF OPTIMUM PITCH
- 4 - Stranding** PES TAPE
- 5 - Wrapping** TINNED COPPER DRAIN WIRE; AL-PES TAPE
- 6 - Overall Screen** EN 50290-2-27 LZSH COMPOUND
- 7 - Inner Sheath** GALVANIZED ROUND STEEL WIRES
- 8 - Armour** EN 50290-2-27 LSZH COMPOUND
- 9 - Sheath** RAL 5015* BLUE; RAL 9005* BLACK OR RAL 7001* GREY
- 10 - Sheath Colour**

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. Indoors and outdoors, dry, damp and wet environments
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		INSULATION	MUTUAL		TEMPERATURE	FLAME
RESISTANCE	RESISTANCE	RESISTANCE	CAPACITY	RANGE	PROPAGATION	
CLASS2(MAX)	(MIN)	(MAX)	(MAX)			
mm ²	Ω/km	MΩxKm	mm ²	pF/m		
0,50	36		0,50	115		IEC 60332-3-24
0,75	24,5		0,75	115	- 30°C-+90°C	VDE0482-332-3-24
1,0	18,1	5000	1,0	115	(FIXED LAYING)	EN 60332-3-24
1,5	12,1		1,5	115		BS EN 60332-3-24
2,5	7,41		2,5	115		

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	
0,75	25	0,75	13	
1,0	25	1,0	16	
1,5	40	1,5	20	
2,5	60	2,5	25	
			300/500 V.	
			Cr./Cr.=2000 V	
			Cr./Scrm.=2000 V	10 X Cable Ø

SMOKE DENSITY	TEST ON CORROSIVENESS	HALOGEN
	OF COMBUSTION GASES	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)HSWAH (MULTICORE)**CU/XLPE/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)
379450020	2 x 0,50	14	5,80	10,40	203	500/1000
379450030	3 x 0,50	18	6,00	10,60	215	500/1000
379450040	4 x 0,50	23	6,50	11,10	230	500/1000
379450050	5 x 0,50	28	7,10	11,90	260	500/1000
379450060	6 x 0,50	32	7,60	12,40	285	500/1000
379450070	7 x 0,50	37	7,60	12,40	390	500/1000
379450100	10 x 0,50	51	9,40	14,20	360	500/1000
379450120	12 x 0,50	92	9,60	14,40	385	500/1000
379450190	19 x 0,50	115	11,20	16,20	485	500/1000
379450240	24 x 0,50	144	13,00	18,00	575	500/1000
379475020	2 x 0,75	19	6,20	10,80	215	500/1000
379475030	3 x 0,75	26	6,40	11,00	230	500/1000
379475040	4 x 0,75	33	6,80	11,40	248	500/1000
379475050	5 x 0,75	40	7,50	12,30	290	500/1000
379475060	6 x 0,75	47	8,10	12,90	315	500/1000
379475070	7 x 0,75	54	8,10	12,90	320	500/1000
379475100	10 x 0,75	75	10,10	14,90	405	500/1000
379475120	12 x 0,75	89	10,40	15,20	435	500/1000
379475190	19 x 0,75	138	12,10	17,10	560	500/1000
379475240	24 x 0,75	173	14,00	19,00	665	500/1000
379401020	2 x 1	23	6,60	11,40	235	500/1000
379401030	3 x 1	32	6,90	11,50	253	500/1000
379401040	4 x 1	41	7,40	12,20	280	500/1000
379401050	5 x 1	50	7,60	12,40	300	500/1000
379401060	6 x 1	60	8,70	13,50	348	500/1000
379401070	7 x 1	69	8,70	13,50	355	500/1000
379401100	10 x 1	97	10,90	15,90	460	500/1000
379401120	12 x 1	115	11,30	16,30	500	500/1000
379401190	19 x 1	180	13,20	18,20	640	500/1000
379401240	24 x 1	225	15,30	21,20	890	500/1000
379415020	2 x 1,5	33	7,20	12,00	268	500/1000
379415030	3 x 1,5	47	7,60	12,40	293	500/1000
379415040	4 x 1,5	61	8,20	13,00	326	500/1000
379415050	5 x 1,5	76	9,00	13,80	370	500/1000
379415060	6 x 1,5	90	9,70	14,50	415	500/1000
379415070	7 x 1,5	104	9,70	14,50	422	500/1000
379415100	10 x 1,5	147	12,20	17,20	555	500/1000
379415120	12 x 1,5	175	12,60	17,60	600	500/1000
379415190	19 x 1,5	274	14,70	19,90	795	500/1000
379415240	24 x 1,5	345	17,20	23,30	1090	500/1000
379425020	2 x 2,5	49	8,50	13,30	320	500/1000
379425030	3 x 2,5	71	8,80	13,60	365	500/1000
379425040	4 x 2,5	93	9,60	14,40	408	500/1000
379425050	5 x 2,5	115	10,60	15,60	475	500/1000
379425060	6 x 2,5	137	11,50	16,50	530	500/1000
379425070	7 x 2,5	159	11,50	16,50	550	500/1000
379425100	10 x 2,5	225	14,60	19,80	740	500/1000
379425120	12 x 2,5	267	15,00	20,20	800	500/1000
379425190	19 x 2,5	423	17,70	23,80	1280	500/1000
379425240	24 x 2,5	533	20,70	27,00	1485	500/1000