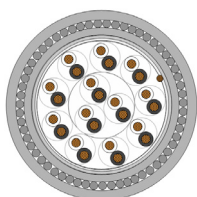
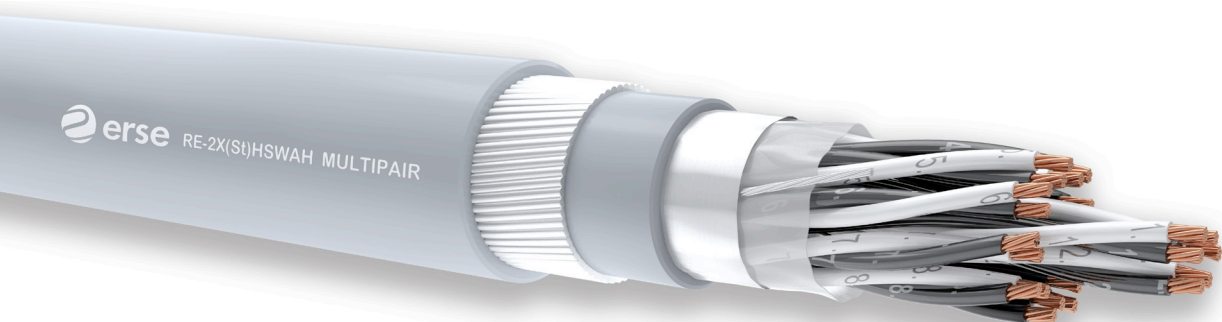


RE-2X(St)HSWAH (MULTIPAIR)

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** BS 5308-1 OR BLACK-WHITE
EACH PAIR NUMBERED
- 4 - Stranding** PAIRWISE, PAIRS IN LAYERS
- 5 - Wrapping** PES TAPE
- 6 - Overall Screen** TINNED COPPER DRAIN WIRE; AL-PES TAPE
- 7 - Inner Sheath** EN 50290-2-27 LZSH COMPOUND
- 8 - Armour** GALVANIZED ROUND STEEL WIRES
- 9 - Sheath** EN 50290-2-27 LSZH COMPOUND
- 10 - 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. 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 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 65		IEC 60332-3-24
0,75 24,5		0,75 65	- 30°C-+90°C	VDE0482-332-3-24
1,0 18,1	5000	1,0 65	(FIXED LAYING)	EN 60332-3-24
1,3 13,9		1,3 75		BS EN 60332-3-24
1,5 12,1		1,5 75		

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	10 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)HSWAH (MULTIPAIR)**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)
379550010	1 x 2 x 0,50	14	5,80	10,60	200	500/1000
379550020	2 x 2 x 0,50	23	8,00	12,80	314	500/1000
379550040	4 x 2 x 0,50	42	9,20	14,00	380	500/1000
379550060	6 x 2 x 0,50	60	11,00	16,00	481	500/1000
379550080	8 x 2 x 0,50	78	12,10	17,20	544	500/1000
379550100	10 x 2 x 0,50	97	13,60	18,60	616	500/1000
379550120	12 x 2 x 0,50	115	13,90	18,90	645	500/1000
379550160	16 x 2 x 0,50	152	15,80	21,70	882	500/1000
379550200	20 x 2 x 0,50	189	17,70	23,80	1019	500/1000
379550240	24 x 2 x 0,50	225	19,10	25,20	1133	500/1000
379575010	1 x 2 x 0,75	19	6,20	10,80	234	500/1000
379575020	2 x 2 x 0,75	33	8,60	13,40	338	500/1000
379575040	4 x 2 x 0,75	60	10,00	14,80	435	500/1000
379575060	6 x 2 x 0,75	88	12,00	17,00	540	500/1000
379575080	8 x 2 x 0,75	117	13,20	18,20	610	500/1000
379575100	10 x 2 x 0,75	144	14,90	20,10	712	500/1000
379575120	12 x 2 x 0,75	173	15,20	21,10	865	500/1000
379575160	16 x 2 x 0,75	229	17,30	23,40	1037	500/1000
379575200	20 x 2 x 0,75	285	19,40	25,50	1185	500/1000
379575240	24 x 2 x 0,75	340	21,00	27,30	1336	500/1000
379501010	1 x 2 x 1	23	6,60	11,40	253	500/1000
379501020	2 x 2 x 1	41	9,20	14,00	371	500/1000
379501040	4 x 2 x 1	77	10,80	15,90	476	500/1000
379501060	6 x 2 x 1	113	13,00	18,00	614	500/1000
379501080	8 x 2 x 1	149	14,30	19,50	696	500/1000
379501100	10 x 2 x 1	185	16,20	22,10	930	500/1000
379501120	12 x 2 x 1	221	16,50	22,40	990	500/1000
379501160	16 x 2 x 1	293	19,10	25,20	1206	500/1000
379501200	20 x 2 x 1	388	21,10	27,40	1388	500/1000
379501240	24 x 2 x 1	463	22,90	29,20	1554	500/1000
379513010	1 x 2 x 1,3	29	7,00	11,80	271	500/1000
379513020	2 x 2 x 1,3	53	9,90	14,70	425	500/1000
379513040	4 x 2 x 1,3	101	11,60	16,60	530	500/1000
379513060	6 x 2 x 1,3	149	14,00	19,00	687	500/1000
379513080	8 x 2 x 1,3	197	15,40	21,30	891	500/1000
379513100	10 x 2 x 1,3	245	17,40	23,50	1052	500/1000
379513120	12 x 2 x 1,3	293	17,80	23,90	1120	500/1000
379513160	16 x 2 x 1,3	389	20,30	26,40	1354	500/1000
379513200	20 x 2 x 1,3	485	22,90	29,20	1581	500/1000
379513240	24 x 2 x 1,3	581	24,80	31,30	1795	500/1000
379515010	1 x 2 x 1,5	33	7,20	12,00	296	500/1000
379515020	2 x 2 x 1,5	61	10,20	15,00	436	500/1000
379515040	4 x 2 x 1,5	117	12,00	17,00	556	500/1000
379515060	6 x 2 x 1,5	173	15,00	20,10	761	500/1000
379515080	8 x 2 x 1,5	229	16,20	22,10	960	500/1000
379515100	10 x 2 x 1,5	285	18,30	24,40	1115	500/1000
379515120	12 x 2 x 1,5	341	19,10	25,20	1237	500/1000
379515160	16 x 2 x 1,5	453	21,10	27,40	1468	500/1000
379515200	20 x 2 x 1,5	565	24,50	31,00	1743	500/1000
379515240	24 x 2 x 1,5	677	27,60	35,00	2236	500/1000