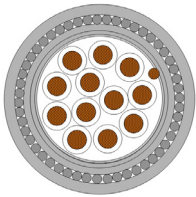
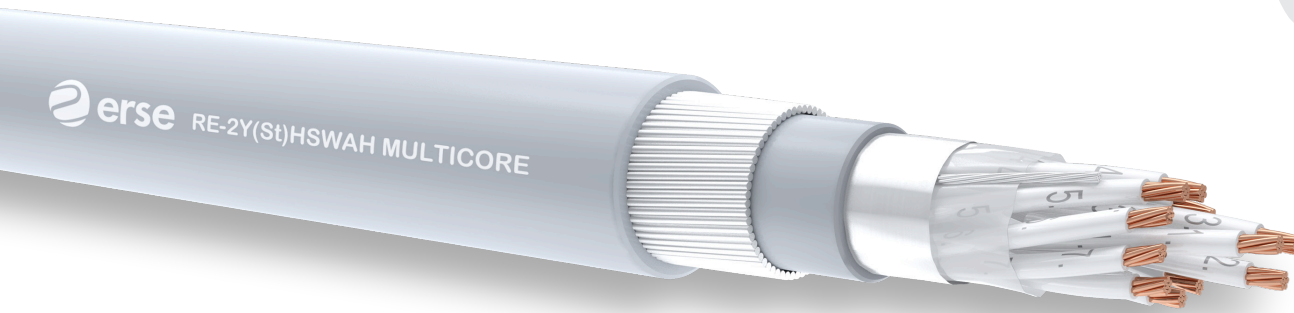


RE-2Y(St)HSWAH (MULTICORE)

CU/PE/OSCR/LSZH/SWA/LSZH



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



CONSTRUCTION

- 1 - Conductor** IEC 60228 / DIN VDE 0295 / EN 60228
- 2 - Insulation** EN 50290-2-23 PE 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 LSZH 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*:** In explosive and flare up places as ex-proof connecting, 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		0,50 115	- 30°C-+70°C (FIXED LAYING)	IEC 60332-3-24
0,75 24,5		0,75 115		VDE0482-332-3-24
1,0 18,1	5000	1,0 115		EN 60332-3-24
1,5 12,1		1,5 115		BS EN 60332-3-24
2,5 7,4		2,5 115		

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

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-2Y(St)HSWAH (MULTICORE)**CU/PE/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)
377250020	2 x 0,50	14	5,80	10,40	203	500/1000
377250030	3 x 0,50	18	6,00	10,60	215	500/1000
377250040	4 x 0,50	23	6,50	11,10	230	500/1000
377250050	5 x 0,50	28	7,10	11,90	260	500/1000
377250060	6 x 0,50	32	7,60	12,40	285	500/1000
377250070	7 x 0,50	37	7,60	12,40	390	500/1000
377250100	10 x 0,50	51	9,40	14,20	360	500/1000
377250120	12 x 0,50	92	9,60	14,40	385	500/1000
377250190	19 x 0,50	115	11,20	16,20	485	500/1000
377250240	24 x 0,50	144	13,00	18,00	575	500/1000
377275020	2 x 0,75	19	6,20	10,80	215	500/1000
377275030	3 x 0,75	26	6,40	11,00	230	500/1000
377275040	4 x 0,75	33	6,80	11,40	248	500/1000
377275050	5 x 0,75	40	7,50	12,30	290	500/1000
377275060	6 x 0,75	47	8,10	12,90	315	500/1000
377275070	7 x 0,75	54	8,10	12,90	320	500/1000
377275100	10 x 0,75	75	10,10	14,90	405	500/1000
377275120	12 x 0,75	89	10,40	15,20	435	500/1000
377275190	19 x 0,75	138	12,10	17,10	560	500/1000
377275240	24 x 0,75	173	14,00	19,00	665	500/1000
377201020	2 x 1	23	6,60	11,40	235	500/1000
377201030	3 x 1	32	6,90	11,50	253	500/1000
377201040	4 x 1	41	7,40	12,20	280	500/1000
377201050	5 x 1	50	7,60	12,40	300	500/1000
377201060	6 x 1	60	8,70	13,50	348	500/1000
377201070	7 x 1	69	8,70	13,50	355	500/1000
377201100	10 x 1	97	10,90	15,90	460	500/1000
377201120	12 x 1	115	11,30	16,30	500	500/1000
377201190	19 x 1	180	13,20	18,20	640	500/1000
377201240	24 x 1	225	15,30	21,20	890	500/1000
377215020	2 x 1,5	33	7,20	12,00	268	500/1000
377215030	3 x 1,5	47	7,60	12,40	293	500/1000
377215040	4 x 1,5	61	8,20	13,00	326	500/1000
377215050	5 x 1,5	76	9,00	13,80	370	500/1000
377215060	6 x 1,5	90	9,70	14,50	415	500/1000
377215070	7 x 1,5	104	9,70	14,50	422	500/1000
377215100	10 x 1,5	147	12,20	17,20	555	500/1000
377215120	12 x 1,5	175	12,60	17,60	600	500/1000
377215190	19 x 1,5	274	14,70	19,90	795	500/1000
377215240	24 x 1,5	345	17,20	23,30	1090	500/1000
377225020	2 x 2,5	49	8,50	13,30	320	500/1000
377225030	3 x 2,5	71	8,80	13,60	365	500/1000
377225040	4 x 2,5	93	9,60	14,40	408	500/1000
377225050	5 x 2,5	115	10,60	15,60	475	500/1000
377225060	6 x 2,5	137	11,50	16,50	530	500/1000
377225070	7 x 2,5	159	11,50	16,50	550	500/1000
377225100	10 x 2,5	225	14,60	19,80	740	500/1000
377225120	12 x 2,5	267	15,00	20,20	800	500/1000
377225190	19 x 2,5	423	17,70	23,80	1280	500/1000
377225240	24 x 2,5	533	20,70	27,00	1485	500/1000