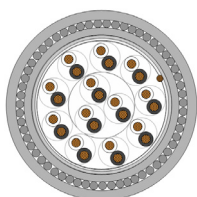
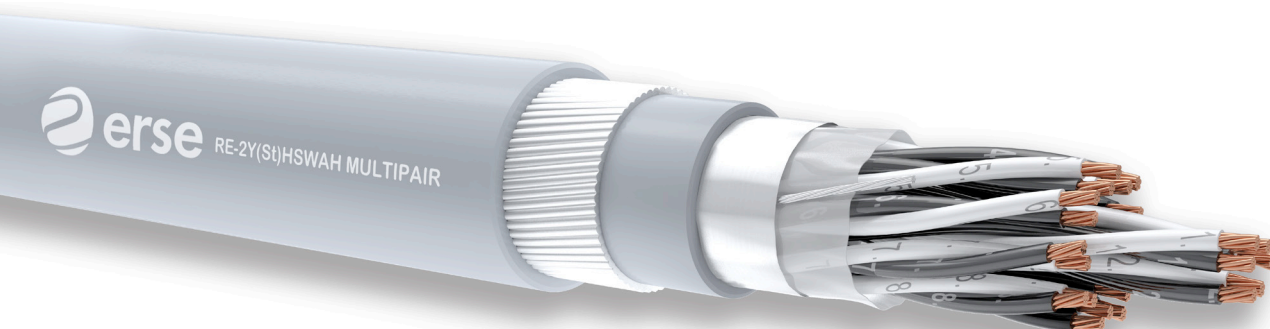


RE-2Y(St)HSWAH (MULTIPAIR)

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** 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 LSZH 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*: 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 65		IEC 60332-3-24
0,75 24,5		0,75 65	- 30°C-+70°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	10X 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-2Y(St)HSWAH (MULTIPAIR)**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)
377350010	1 x 2 x 0,50	14	5,80	10,60	217	500/1000
377350020	2 x 2 x 0,50	23	8,00	12,80	304	500/1000
377350040	4 x 2 x 0,50	42	9,20	14,00	368	500/1000
377350060	6 x 2 x 0,50	60	11,00	16,00	469	500/1000
377350080	8 x 2 x 0,50	78	12,10	17,20	521	500/1000
377350100	10 x 2 x 0,50	97	13,60	18,60	594	500/1000
377350120	12 x 2 x 0,50	115	13,90	18,90	631	500/1000
377350160	16 x 2 x 0,50	152	15,80	21,70	872	500/1000
377350200	20 x 2 x 0,50	189	17,70	23,80	1009	500/1000
377350240	24 x 2 x 0,50	225	19,10	25,20	1130	500/1000
377375010	1 x 2 x 0,75	19	6,20	10,80	234	500/1000
377375020	2 x 2 x 0,75	33	8,60	13,40	338	500/1000
377375040	4 x 2 x 0,75	60	10,00	14,80	415	500/1000
377375060	6 x 2 x 0,75	88	12,00	17,00	531	500/1000
377375080	8 x 2 x 0,75	117	13,20	18,20	598	500/1000
377375100	10 x 2 x 0,75	144	14,90	20,10	699	500/1000
377375120	12 x 2 x 0,75	173	15,20	21,10	855	500/1000
377375160	16 x 2 x 0,75	229	17,30	23,40	1027	500/1000
377375200	20 x 2 x 0,75	285	19,40	25,50	1175	500/1000
377375240	24 x 2 x 0,75	340	21,00	27,30	1325	500/1000
377301010	1 x 2 x 1	23	6,60	11,40	252	500/1000
377301020	2 x 2 x 1	41	9,20	14,00	371	500/1000
377301040	4 x 2 x 1	77	10,80	15,80	467	500/1000
377301060	6 x 2 x 1	113	13,00	18,00	603	500/1000
377301080	8 x 2 x 1	149	14,30	19,50	684	500/1000
377301100	10 x 2 x 1	185	16,20	22,10	910	500/1000
377301120	12 x 2 x 1	221	16,50	22,40	983	500/1000
377301160	16 x 2 x 1	320	19,10	25,20	1196	500/1000
377301200	20 x 2 x 1	390	21,10	27,40	1379	500/1000
377301240	24 x 2 x 1	465	22,90	29,20	1544	500/1000
377313010	1 x 2 x 1,3	29	7,00	11,80	272	500/1000
377313020	2 x 2 x 1,3	53	9,90	14,70	404	500/1000
377313040	4 x 2 x 1,3	101	11,60	16,60	517	500/1000
377313060	6 x 2 x 1,3	149	14,00	19,00	672	500/1000
377313080	8 x 2 x 1,3	197	15,40	21,30	879	500/1000
377313100	10 x 2 x 1,3	245	17,40	23,50	1039	500/1000
377313120	12 x 2 x 1,3	293	17,80	23,90	1120	500/1000
377313160	16 x 2 x 1,3	389	20,30	26,40	1345	500/1000
377313200	20 x 2 x 1,3	485	22,90	29,20	1571	500/1000
377313240	24 x 2 x 1,3	581	24,80	31,30	1785	500/1000
377315010	1 x 2 x 1,5	33	7,20	12,00	286	500/1000
377315020	2 x 2 x 1,5	61	10,20	15,00	422	500/1000
377315040	4 x 2 x 1,5	117	12,00	17,00	545	500/1000
377315060	6 x 2 x 1,5	173	15,00	20,10	741	500/1000
377315080	8 x 2 x 1,5	229	16,20	22,10	945	500/1000
377315100	10 x 2 x 1,5	285	18,30	24,40	1105	500/1000
377315120	12 x 2 x 1,5	341	19,10	25,20	1217	500/1000
377315160	16 x 2 x 1,5	453	21,10	27,40	1457	500/1000
377315200	20 x 2 x 1,5	565	24,50	31,00	1733	500/1000
377315240	24 x 2 x 1,5	677	27,60	35,00	2221	500/1000