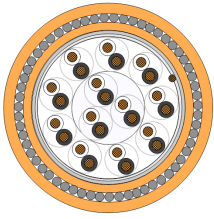
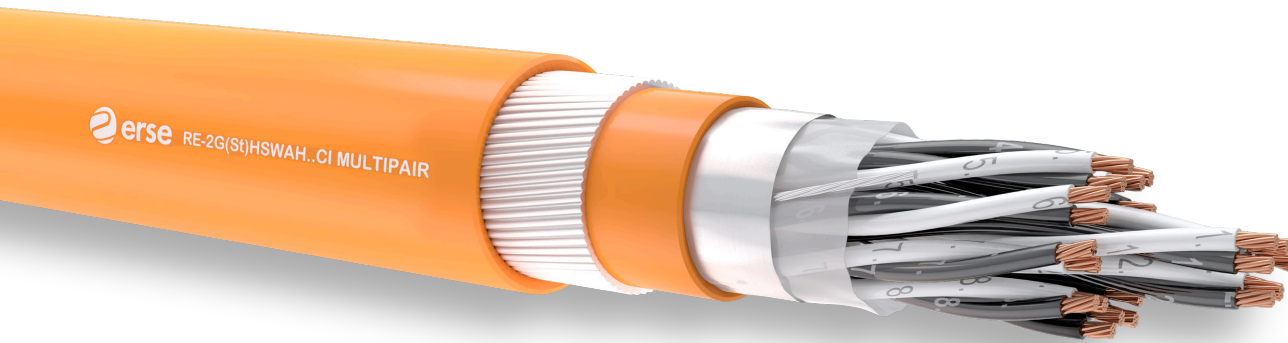


RE-2G(St)HSAH..CI (MULTIPAIR)

CU/SI/OSCR/LSZH/ SWA/LSZH..CI



VERY GOOD EMC* CHARACTERISTICS / FIRE RESISTANT 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 50363-1 EI2 SILICONE
- 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;
RAL 2003* ORANGE OR
RAL 3000* RED

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
9. In applications where maintenance of circuit integrity in case of fire is required

NOTES

EMC*: Electromagnetic compatibility

CI*: Fire Resistant

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 2003 orange 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		0,50 110		IEC 60332-3-24
0,75 24,5		0,75 110	- 30°C-+90°C	VDE0482-332-3-24
1,0 18,1	300	1,0 110	(FIXED LAYING)	EN 60332-3-24
1,3 13,9		1,3 110		BS EN 60332-3-24
1,5 12,1		1,5 110		

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	FIRE RESISTANT TEST
IEC 61034-2	IEC 60754-2	IEC 60754-1	IEC 60331-21
VDE 0482-1034-2	VDE 0482-267-2-3	VDE 0482-267-2-1	IEC 60331-23
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-2G(St)HSWAH..CI (MULTIPAIR)

CU/SI/OSCR/LSZH/ SWA/LSZH..CI

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)
382350010	1 x 2 x 0,50	14	6,30	10,90	226	500/1000
382350020	2 x 2 x 0,50	23	8,70	13,50	339	500/1000
382350040	4 x 2 x 0,50	42	10,10	14,90	413	500/1000
382350060	6 x 2 x 0,50	60	12,10	17,10	527	500/1000
382350080	8 x 2 x 0,50	78	13,30	18,30	584	500/1000
382350100	10 x 2 x 0,50	97	15,00	20,20	682	500/1000
382350120	12 x 2 x 0,50	115	15,30	21,20	835	500/1000
382350160	16 x 2 x 0,50	152	17,40	23,50	1002	500/1000
382350200	20 x 2 x 0,50	189	19,50	25,60	1142	500/1000
382350240	24 x 2 x 0,50	225	21,10	27,40	1287	500/1000
382375010	1 x 2 x 0,75	19	6,70	11,50	243	500/1000
382375020	2 x 2 x 0,75	33	9,40	14,00	371	500/1000
382375040	4 x 2 x 0,75	60	10,90	15,90	459	500/1000
382375060	6 x 2 x 0,75	88	13,10	18,10	600	500/1000
382375080	8 x 2 x 0,75	117	14,40	19,60	668	500/1000
382375100	10 x 2 x 0,75	144	16,40	22,20	890	500/1000
382375120	12 x 2 x 0,75	173	16,60	22,50	950	500/1000
382375160	16 x 2 x 0,75	229	19,20	25,30	1172	500/1000
382375200	20 x 2 x 0,75	285	21,20	27,50	1343	500/1000
382375240	24 x 2 x 0,75	340	23,00	29,30	1503	500/1000
382301010	1 x 2 x 1	23	7,10	11,90	263	500/1000
382301020	2 x 2 x 1	41	10,00	14,80	414	500/1000
382301040	4 x 2 x 1	80	11,70	16,70	523	500/1000
382301060	6 x 2 x 1	120	14,10	19,10	670	500/1000
382301080	8 x 2 x 1	157	15,60	21,50	862	500/1000
382301100	10 x 2 x 1	195	17,50	23,70	1017	500/1000
382301120	12 x 2 x 1	231	17,90	24,10	1092	500/1000
382301160	16 x 2 x 1	306	20,40	26,60	1319	500/1000
382301200	20 x 2 x 1	380	23,00	29,40	1533	500/1000
382301240	24 x 2 x 1	456	25,00	31,50	1741	500/1000
382313010	1 x 2 x 1,3	29	7,50	12,20	284	500/1000
382313020	2 x 2 x 1,3	53	10,60	15,30	448	500/1000
382313040	4 x 2 x 1,3	101	12,50	17,30	578	500/1000
382313060	6 x 2 x 1,3	149	15,10	20,20	757	500/1000
382313080	8 x 2 x 1,3	197	16,60	22,60	961	500/1000
382313100	10 x 2 x 1,3	245	18,80	24,80	1132	500/1000
382313120	12 x 2 x 1,3	293	19,20	25,40	1222	500/1000
382313160	16 x 2 x 1,3	389	22,10	28,20	1503	500/1000
382313200	20 x 2 x 1,3	485	24,80	30,90	1730	500/1000
382313240	24 x 2 x 1,3	581	26,90	34,10	2168	500/1000
382315010	1 x 2 x 1,5	33	7,70	12,40	290	500/1000
382315020	2 x 2 x 1,5	61	10,90	16,00	475	500/1000
382315040	4 x 2 x 1,5	117	12,90	17,90	601	500/1000
382315060	6 x 2 x 1,5	173	15,70	21,40	925	500/1000
382315080	8 x 2 x 1,5	229	17,10	22,90	1014	500/1000
382315100	10 x 2 x 1,5	285	19,60	25,70	1198	500/1000
382315120	12 x 2 x 1,5	341	20,00	25,90	1293	500/1000
382315160	16 x 2 x 1,5	453	22,80	28,90	1409	500/1000
382315200	20 x 2 x 1,5	565	25,60	32,60	2068	500/1000
382315240	24 x 2 x 1,5	677	28,20	35,40	2386	500/1000