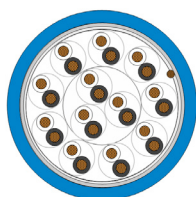
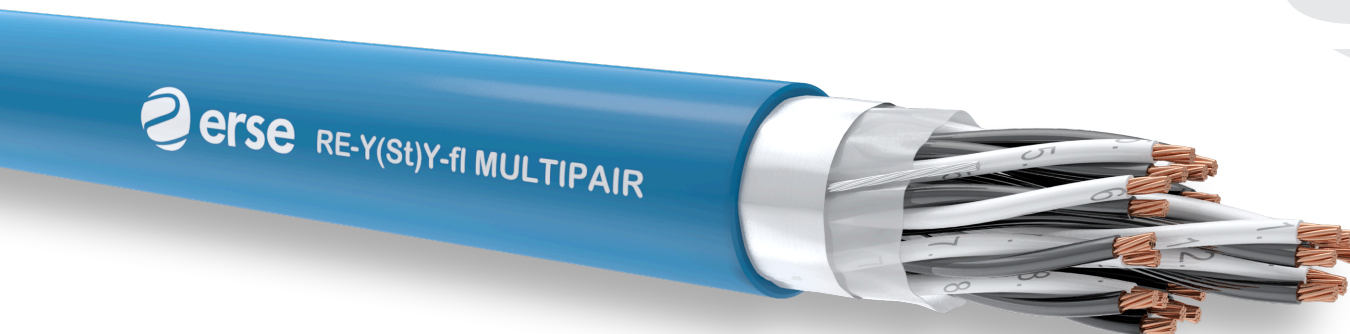


RE-Y(St)Y-fl (MULTIPAIR)

CU/PVC/OSCR/PVC



VERY GOOD EMC* CHARACTERISTICS / FLEXIBLE
SMALL BENDING RADIUS / FLAME RETARDANT AND HYDROCARBON RESISTANT



CONSTRUCTION

- 1 - Conductor** IEC 60228 / DIN VDE 0295 / EN 60228
- 2 - Insulation** EN 50290-2-21 PVC COMPOUND
- 3 - Colour Code** BS 5308-2 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 - Sheath** EN 50290-2-22 PVC COMPOUND
- 8 - Sheath Colour** RAL 5015* BLUE; RAL 9005* BLACK
OR RAL 7032* GREY

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		0,50 120		IEC 60332-3-24
0,75 24,5		0,75 120	-30°C-+70°C	VDE 0482-332-3-24
1,0 18,1	100	1,0 120	(FIXED LAYING)	EN 60332-3-24
1,3 13,9		1,3 130		BS EN 60332-3-24
1,5 12,1		1,5 130		

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	7,5 X Cable Ø
1,0 25	1,0 16			
1,3 40	1,3 18			
1,5 40	1,5 20			

APPLICATION

1. Instrumentation and control engineering analog and digital signal transmission
2. Chemistry industry
3. Petrochemistry industry
4. Power plants
5. Indoors and outdoors, dry, damp and wet environments
6. Gas Stations
7. Water Conveyance Systems

NOTES

- EMC*:** Electromagnetic compatibility
- Fl*:** Flame retardant outer sheath
- Yv*:** Reinforced sheath version available on request
- 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 7032 grey sheath*:** Inside of buildings

DESIGN STANDARDS

PAS 5308-2
EN 50288-7

RE-Y(St)Y-fi (MULTIPAIR)

CU/PVC/OSCR/PVC

CODE NR.	NUMBER OF CORE CROSS SECTION (mm ²)	OVERALL DIAMETER (mm)	COPPER WEIGHT (kg/km)	APPROX. WEIGHT (kg/km)	STANDARD LENGTH (mt)
372150010	1 x 2 x 0,50	5,60	14	45	500/1000
372150020	2 x 2 x 0,50	8,20	23	60	500/1000
372150040	4 x 2 x 0,50	9,40	42	100	500/1000
372150060	6 x 2 x 0,50	11,20	60	160	500/1000
372150080	8 x 2 x 0,50	12,30	78	186	500/1000
372150100	10 x 2 x 0,50	14,00	97	231	500/1000
372150120	12 x 2 x 0,50	14,30	115	263	500/1000
372150160	16 x 2 x 0,50	16,40	152	346	500/1000
372150200	20 x 2 x 0,50	18,30	189	414	500/1000
372150240	24 x 2 x 0,50	19,90	225	492	500/1000
372175010	1 x 2 x 0,75	6,00	19	50	500/1000
372175020	2 x 2 x 0,75	9,00	33	80	500/1000
372175040	4 x 2 x 0,75	10,20	60	120	500/1000
372175060	6 x 2 x 0,75	12,20	88	201	500/1000
372175080	8 x 2 x 0,75	13,60	117	242	500/1000
372175100	10 x 2 x 0,75	15,30	144	292	500/1000
372175120	12 x 2 x 0,75	15,80	173	334	500/1000
372175160	16 x 2 x 0,75	18,00	229	442	500/1000
372175200	20 x 2 x 0,75	20,20	285	540	500/1000
372175240	24 x 2 x 0,75	22,00	340	642	500/1000
372101010	1 x 2 x 1	6,40	23	58	500/1000
372101020	2 x 2 x 1	9,20	41	100	500/1000
372101040	4 x 2 x 1	11,00	77	164	500/1000
372101060	6 x 2 x 1	13,50	113	244	500/1000
372101080	8 x 2 x 1	14,70	149	295	500/1000
372101100	10 x 2 x 1	16,80	185	350	500/1000
372101120	12 x 2 x 1	17,10	221	421	500/1000
372101160	16 x 2 x 1	19,90	293	560	500/1000
372101200	20 x 2 x 1	22,10	365	680	500/1000
372101240	24 x 2 x 1	23,90	437	798	500/1000
372113010	1 x 2 x 1,3	6,80	29	64	500/1000
372113020	2 x 2 x 1,3	10,00	53	115	500/1000
372113040	4 x 2 x 1,3	11,80	101	194	500/1000
372113060	6 x 2 x 1,3	14,40	149	298	500/1000
372113080	8 x 2 x 1,3	15,80	197	353	500/1000
372113100	10 x 2 x 1,3	18,00	245	439	500/1000
372113120	12 x 2 x 1,3	18,40	293	506	500/1000
372113160	16 x 2 x 1,3	21,10	392	650	500/1000
372113200	20 x 2 x 1,3	23,90	485	822	500/1000
372113240	24 x 2 x 1,3	26,00	581	987	500/1000
372115010	1 x 2 x 1,5	7,00	33	70	500/1000
372115020	2 x 2 x 1,5	10,50	61	135	500/1000
372115040	4 x 2 x 1,5	12,30	117	220	500/1000
372115060	6 x 2 x 1,5	15,30	173	330	500/1000
372115080	8 x 2 x 1,5	17,00	229	402	500/1000
372115100	10 x 2 x 1,5	19,20	285	498	500/1000
372115120	12 x 2 x 1,5	20,00	341	578	500/1000
372115160	16 x 2 x 1,5	22,20	453	760	500/1000
372115200	20 x 2 x 1,5	25,80	565	934	500/1000
372115240	24 x 2 x 1,5	29,00	677	1122	500/1000