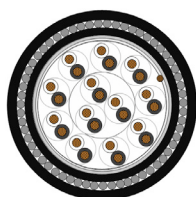
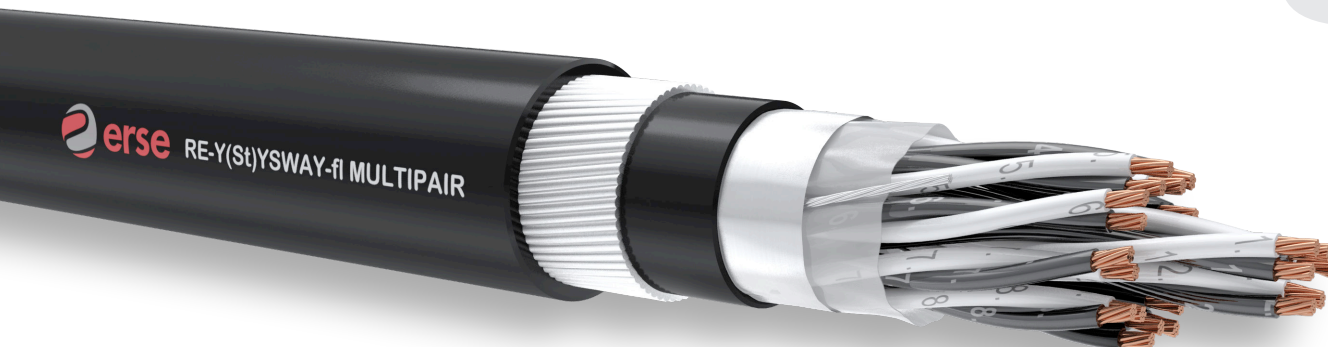


RE-Y(St)YSWAY-fi (MULTIPAIR)

CU/PVC/OSCR/PVC/SWA/PVC



VERY GOOD EMC* CHARACTERISTICS /
SUITABLE TO BURRY UNDERGROUND /
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 - Inner Sheath** EN 50290-2-22 PVC COMPOUND
- 8 - Armour** GALVANIZED ROUND STEEL WIRES
- 9 - Sheath** EN 50290-2-22 PVC COMPOUND
- 10 - Sheath Colour** RAL 5015* BLUE; RAL 9005* BLACK

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
- FI*:** Flame retardant outer sheath
- 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

TECHNICAL CHARACTERISTICS

CONDUCTOR		INSULATION	MUTUAL		TEMPERATURE	FLAME
RESISTANCE		RESISTANCE	CAPACITY		RANGE	PROPAGATION
CLASS2(MAX)		(MIN)	(MAX)			
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	VDE0482-332-3-24
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)		CURRENT	OPERATING	TEST	BENDING
(MAX)		LOAD(25°C)	VOLTAGE	VOLTAGE	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	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		

DESIGN STANDARDS

PAS 5308-2
EN 50288-7

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

CU/PVC/OSCR/PVC/SWA/PVC

CODE NR.	NUMBER OF CORE CROSS SECTION (mm ²)	COPPER WEIGHT (kg/km)	INNER SHEATH DIAMETER (mm)	OVERALL DIAMETER (mm)	APPROX. WEIGHT (kg/km)	STANDARD LENGTH (mt)
372950010	1 x 2 x 0,50	14	5,80	10,60	223	500/1000
372950020	2 x 2 x 0,50	23	8,00	12,80	298	500/1000
372950040	4 x 2 x 0,50	42	9,20	14,00	364	500/1000
372950060	6 x 2 x 0,50	60	11,00	16,00	466	500/1000
372950080	8 x 2 x 0,50	78	12,10	17,20	525	500/1000
372950100	10 x 2 x 0,50	97	13,60	18,60	596	500/1000
372950120	12 x 2 x 0,50	115	13,90	18,90	640	500/1000
372950160	16 x 2 x 0,50	152	15,80	21,70	880	500/1000
372950200	20 x 2 x 0,50	189	17,70	23,80	1035	500/1000
372950240	24 x 2 x 0,50	225	19,10	25,20	1125	500/1000
372975010	1 x 2 x 0,75	19	6,20	10,80	222	500/1000
372975020	2 x 2 x 0,75	33	8,60	13,40	332	500/1000
372975040	4 x 2 x 0,75	60	10,00	14,80	412	500/1000
372975060	6 x 2 x 0,75	88	12,00	17,00	529	500/1000
372975080	8 x 2 x 0,75	117	13,20	18,20	610	500/1000
372975100	10 x 2 x 0,75	144	14,90	20,10	715	500/1000
372975120	12 x 2 x 0,75	173	15,20	21,10	875	500/1000
372975160	16 x 2 x 0,75	229	17,30	23,40	1055	500/1000
372975200	20 x 2 x 0,75	285	19,40	25,50	1235	500/1000
372975240	24 x 2 x 0,75	340	21,00	27,30	1320	500/1000
372901010	1 x 2 x 1	23	6,60	11,40	246	500/1000
372901020	2 x 2 x 1	41	9,20	14,00	365	500/1000
372901040	4 x 2 x 1	77	10,80	15,80	463	500/1000
372901060	6 x 2 x 1	113	13,00	18,00	615	500/1000
372901080	8 x 2 x 1	149	14,30	19,50	685	500/1000
372901100	10 x 2 x 1	192	16,20	22,10	925	500/1000
372901120	12 x 2 x 1	221	16,50	22,40	1025	500/1000
372901160	16 x 2 x 1	305	19,10	25,20	1250	500/1000
372901200	20 x 2 x 1	380	21,10	27,40	1410	500/1000
372901240	24 x 2 x 1	460	22,90	29,20	1598	500/1000
372913010	1 x 2 x 1,3	29	7,00	11,80	267	500/1000
372913020	2 x 2 x 1,3	53	9,90	14,70	396	500/1000
372913040	4 x 2 x 1,3	101	11,60	16,60	500	500/1000
372913060	6 x 2 x 1,3	149	14,00	19,00	685	500/1000
372913080	8 x 2 x 1,3	197	15,40	21,30	885	500/1000
372913100	10 x 2 x 1,3	245	17,40	23,50	1055	500/1000
372913120	12 x 2 x 1,3	293	17,80	23,90	1150	500/1000
372913160	16 x 2 x 1,3	389	20,30	26,40	1375	500/1000
372913200	20 x 2 x 1,3	485	22,90	29,20	1600	500/1000
372913240	24 x 2 x 1,3	581	24,80	31,30	1825	500/1000
372915010	1 x 2 x 1,5	33	7,20	12,00	272	500/1000
372915020	2 x 2 x 1,5	61	10,20	15,00	416	500/1000
372915040	4 x 2 x 1,5	117	12,00	17,00	543	500/1000
372915060	6 x 2 x 1,5	173	15,00	20,10	750	500/1000
372915080	8 x 2 x 1,5	229	16,20	22,10	960	500/1000
372915100	10 x 2 x 1,5	285	18,30	24,40	1115	500/1000
372915120	12 x 2 x 1,5	341	19,10	25,20	1230	500/1000
372915160	16 x 2 x 1,5	453	21,10	27,40	1480	500/1000
372915200	20 x 2 x 1,5	565	24,50	31,00	1760	500/1000
372915240	24 x 2 x 1,5	677	27,60	35,00	2275	500/1000