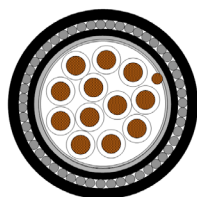


RE-Y(St)YSWAY-fi MULTICORE

CU/PVC/OSCR/PVC/ SWA/PVC



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

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 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		0,50 170	- 30°C - +70°C (FIXED LAYING)	IEC 60332-3-24
0,75 24,5		0,75 170		VDE0482-332-3-24
1,0 18,1	100	1,0 170		EN 60332-3-24
1,5 12,1		1,5 170		BS EN 60332-3-24
2,5 7,41		2,5 170		

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

DESIGN STANDARDS

PAS 5308-2
EN 50288-7

RE-Y(St)YSWAY-fi MULTICORE**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)
372850020	2 x 0,50	14	5,80	10,40	205	500/1000
372850030	3 x 0,50	18	6,00	10,60	217	500/1000
372850040	4 x 0,50	23	6,50	11,10	242	500/1000
372850050	5 x 0,50	28	7,10	11,90	274	500/1000
372850060	6 x 0,50	32	7,60	12,40	291	500/1000
372850070	7 x 0,50	37	7,60	12,40	300	500/1000
372850100	10 x 0,50	51	9,40	14,20	377	500/1000
372850120	12 x 0,50	60	9,60	14,40	405	500/1000
372850190	19 x 0,50	115	11,20	16,20	500	500/1000
372850240	24 x 0,50	145	13,00	18,00	608	500/1000
372875020	2 x 0,75	19	6,20	10,80	218	500/1000
372875030	3 x 0,75	26	6,40	11,00	241	500/1000
372875040	4 x 0,75	33	6,80	11,40	262	500/1000
372875050	5 x 0,75	40	7,50	12,30	304	500/1000
372875060	6 x 0,75	47	8,10	12,90	334	500/1000
372875070	7 x 0,75	54	8,10	12,90	341	500/1000
372875100	10 x 0,75	75	10,10	14,90	433	500/1000
372875120	12 x 0,75	89	10,40	15,20	462	500/1000
372875190	19 x 0,75	138	12,10	17,10	580	500/1000
372875240	24 x 0,75	173	14,00	19,00	699	500/1000
372801020	2 x 1	23	6,60	11,40	246	500/1000
372801030	3 x 1	32	6,90	11,50	267	500/1000
372801040	4 x 1	41	7,40	12,20	297	500/1000
372801050	5 x 1	50	7,60	12,40	310	500/1000
372801060	6 x 1	60	8,70	13,50	369	500/1000
372801070	7 x 1	69	8,70	13,50	378	500/1000
372801100	10 x 1	97	10,90	15,90	495	500/1000
372801120	12 x 1	115	11,30	16,30	531	500/1000
372801190	19 x 1	180	13,20	18,20	660	500/1000
372801240	24 x 1	225	15,30	21,20	932	500/1000
372815020	2 x 1,5	33	7,20	12,00	271	500/1000
372815030	3 x 1,5	47	7,60	12,40	307	500/1000
372815040	4 x 1,5	61	8,20	13,00	343	500/1000
372815050	5 x 1,5	76	9,00	13,80	390	500/1000
372815060	6 x 1,5	90	9,70	14,50	436	500/1000
372815070	7 x 1,5	104	9,70	14,50	449	500/1000
372815100	10 x 1,5	147	12,20	17,20	586	500/1000
372815120	12 x 1,5	175	12,60	17,60	621	500/1000
372815190	19 x 1,5	274	14,70	19,90	820	500/1000
372815240	24 x 1,5	345	17,20	23,30	1119	500/1000
372825020	2 x 2,5	49	8,50	13,30	337	500/1000
372825030	3 x 2,5	71	8,80	13,60	385	500/1000
372825040	4 x 2,5	93	9,60	14,40	430	500/1000
372825050	5 x 2,5	115	10,60	15,60	502	500/1000
372825060	6 x 2,5	137	11,50	16,50	562	500/1000
372825070	7 x 2,5	159	11,50	16,50	583	500/1000
372825100	10 x 2,5	225	14,60	19,80	777	500/1000
372825120	12 x 2,5	267	15,00	20,20	845	500/1000
372825190	19 x 2,5	423	17,70	23,80	1305	500/1000
372825240	24 x 2,5	533	20,70	27,00	1544	500/1000