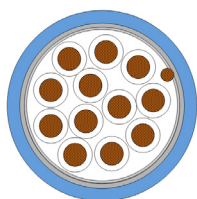


RE-Y(St)Y-fl (MULTICORE)

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 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 - Sheath** RAL 5015* BLUE; RAL 9005* BLACK OR RAL 7032* GREY
- 8 - 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
- 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

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		IEC 60332-3-24
0,75	24,5		0,75 170	- 30°C-+70°C	VDE0482-332-3-24
1,0	18,1	100	1,0 170	(FIXED LAYING)	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		
0,75	25	0,75 13	300/500 V.	7,5 X Cable Ø
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)Y-fl (MULTICORE)

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)
372050020	2 x 0,50	5,60	14	45	500/1000
372050030	3 x 0,50	5,80	18	50	500/1000
372050040	4 x 0,50	6,30	23	58	500/1000
372050050	5 x 0,50	6,90	28	68	500/1000
372050060	6 x 0,50	7,40	32	78	500/1000
372050070	7 x 0,50	7,40	37	84	500/1000
372050100	10 x 0,50	9,40	51	115	500/1000
372050120	12 x 0,50	9,60	60	135	500/1000
372050190	19 x 0,50	11,50	115	201	500/1000
372050240	24 x 0,50	13,20	144	248	500/1000
372075020	2 x 0,75	6,00	19	50	500/1000
372075030	3 x 0,75	6,20	26	59	500/1000
372075040	4 x 0,75	6,60	33	72	500/1000
372075050	5 x 0,75	7,30	40	87	500/1000
372075060	6 x 0,75	7,90	47	102	500/1000
372075070	7 x 0,75	7,90	54	109	500/1000
372075100	10 x 0,75	10,10	75	152	500/1000
372075120	12 x 0,75	10,40	89	173	500/1000
372075190	19 x 0,75	12,30	138	260	500/1000
372075240	24 x 0,75	14,40	173	328	500/1000
372001020	2 x 1	6,40	23	58	500/1000
372001030	3 x 1	6,70	32	70	500/1000
372001040	4 x 1	7,20	41	88	500/1000
372001050	5 x 1	7,40	50	98	500/1000
372001060	6 x 1	8,70	60	121	500/1000
372001070	7 x 1	8,70	69	130	500/1000
372001100	10 x 1	11,10	97	192	500/1000
372001120	12 x 1	11,50	115	220	500/1000
372001190	19 x 1	13,40	180	322	500/1000
372001240	24 x 1	15,70	225	405	500/1000
372015020	2 x 1,5	7,00	33	70	500/1000
372015030	3 x 1,5	7,40	47	91	500/1000
372015040	4 x 1,5	8,00	61	111	500/1000
372015050	5 x 1,5	9,00	76	137	500/1000
372015060	6 x 1,5	9,70	90	165	500/1000
372015070	7 x 1,5	9,70	104	179	500/1000
372015100	10 x 1,5	12,40	147	253	500/1000
372015120	12 x 1,5	12,80	175	292	500/1000
372015190	19 x 1,5	15,10	274	445	500/1000
372015240	24 x 1,5	17,80	345	556	500/1000
372025020	2 x 2,5	8,50	49	100	500/1000
372025030	3 x 2,5	8,80	71	130	500/1000
372025040	4 x 2,5	9,60	93	163	500/1000
372025050	5 x 2,5	10,60	115	200	500/1000
372025060	6 x 2,5	11,70	137	243	500/1000
372025070	7 x 2,5	11,70	159	265	500/1000
372025100	10 x 2,5	15,00	225	374	500/1000
372025120	12 x 2,5	15,40	267	433	500/1000
372025190	19 x 2,5	18,30	423	665	500/1000
372025240	24 x 2,5	21,50	533	830	500/1000