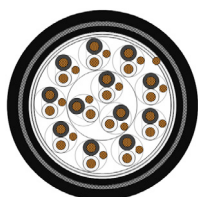
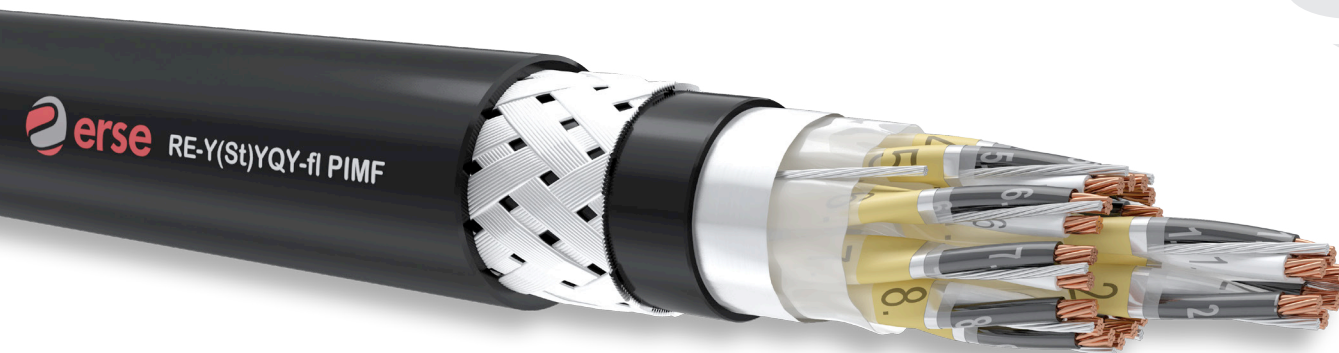


RE-Y(St)YQY-fl PIMF

CU/PVC/PSCR/OSCR/PVC/GSWB/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 - Individual Screen** PES TAPE; TINNED COPPER DRAIN WIRE;
AL-PES TAPE
- 5 - Stranding** PAIRWISE, SCREENED PAIRS IN LAYERS
- 6 - Wrapping** PES TAPE
- 7 - Overall Screen** TINNED COPPER DRAIN WIRE; AL-PES TAPE
- 8 - Inner Sheath** EN 50290-2-22 PVC COMPOUND
- 9 - Armour** GALVANIZED STEEL WIRE BRAIDING
- 10 - Sheath** EN 50290-2-22 PVC COMPOUND
- 11- Sheath Colour** RAL 5015*BLUE / RAL 9005 BLACK

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		0,50 160	- 30°C-+70°C (FIXED LAYING)	IEC 60332-3-24
0,75 24,5		0,75 160		VDE 0482-332-3-24
1,0 18,1	100	1,0 160		EN 60332-3-24
1,3 13,9		1,3 170		BS EN 60332-3-24
1,5 12,1		1,5 170		

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	300/500 V.	Cr./Cr.=2000 V	8X Cable Ø
0,75 25	0,75 13		Cr./Scrn.=2000 V	
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

APPLICATION

1. Instrumentation and control engineering analog and digital signal transmission
2. In 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
- 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

RE-Y(St)YQY-fi PIMF

CU/PVC/PSCR/OSCR/PVC/GSWB/PVC

CODE NR.	NUMBER OF CORE CROSS SECTION (mm ²)	OVERALL DIAMETER (mm)	COPPER WEIGHT (kg/km)	APPROX. WEIGHT (kg/km)	STANDART LENGTH (mt)	STANDARD LENGTH (mt)
374050020	2 x 2 x 0,50	32	9,10	13,30	213	500/1000
374050040	4 x 2 x 0,50	60	10,60	15,00	296	500/1000
374050060	6 x 2 x 0,50	88	12,60	17,00	377	500/1000
374050080	8 x 2 x 0,50	115	13,70	18,00	441	500/1000
374050100	10 x 2 x 0,50	143	16,10	20,70	570	500/1000
374050120	12 x 2 x 0,50	170	16,60	21,20	680	500/1000
374050160	16 x 2 x 0,50	225	18,50	23,30	800	500/1000
374050200	20 x 2 x 0,50	280	20,60	25,60	913	500/1000
374050240	24 x 2 x 0,50	336	23,00	28,20	1064	500/1000
374075020	2 x 2 x 0,75	42	10,40	13,80	244	500/1000
374075040	4 x 2 x 0,75	79	12,50	15,80	346	500/1000
374075060	6 x 2 x 0,75	116	13,70	18,00	446	500/1000
374075080	8 x 2 x 0,75	154	14,80	19,40	514	500/1000
374075100	10 x 2 x 0,75	191	17,50	22,30	664	500/1000
374075120	12 x 2 x 0,75	228	18,10	23,00	713	500/1000
374075160	16 x 2 x 0,75	302	20,30	25,00	891	500/1000
374075200	20 x 2 x 0,75	377	22,50	27,50	1060	500/1000
374075240	24 x 2 x 0,75	451	25,10	30,30	1251	500/1000
374001020	2 x 2 x 1	51	10,50	14,90	286	500/1000
374001040	4 x 2 x 1	98	13,50	16,70	380	500/1000
374001060	6 x 2 x 1	145	14,80	19,40	505	500/1000
374001080	8 x 2 x 1	192	16,10	20,00	630	500/1000
374001100	10 x 2 x 1	239	18,90	23,70	769	500/1000
374001120	12 x 2 x 1	285	19,60	22,40	854	500/1000
374001160	16 x 2 x 1	379	21,80	26,80	1049	500/1000
374001200	20 x 2 x 1	473	24,40	29,60	1199	500/1000
374001240	24 x 2 x 1	566	27,30	32,70	1474	500/1000
374013020	2 x 2 x 1,3	63	11,30	15,70	316	500/1000
374013040	4 x 2 x 1,3	120	14,00	17,50	420	500/1000
374013060	6 x 2 x 1,3	179	14,50	19,70	613	500/1000
374013080	8 x 2 x 1,3	237	17,20	22,00	722	500/1000
374013100	10 x 2 x 1,3	295	20,30	25,00	880	500/1000
374013120	12 x 2 x 1,3	353	21,00	26,00	987	500/1000
374013160	16 x 2 x 1,3	467	23,50	28,50	1201	500/1000
374013200	20 x 2 x 1,3	585	26,20	31,40	1483	500/1000
374013240	24 x 2 x 1,3	700	29,80	35,20	1776	500/1000
374015020	2 x 2 x 1,5	70	11,60	16,00	330	500/1000
374015040	4 x 2 x 1,5	135	14,50	18,00	451	500/1000
374015060	6 x 2 x 1,5	200	16,30	20,90	650	500/1000
374015080	8 x 2 x 1,5	265	17,80	22,60	762	500/1000
374015100	10 x 2 x 1,5	331	21,00	26,00	933	500/1000
374015120	12 x 2 x 1,5	396	21,80	26,80	1053	500/1000
374015160	16 x 2 x 1,5	526	24,40	29,60	1314	500/1000
374015200	20 x 2 x 1,5	657	27,30	32,70	1597	500/1000
374015240	24 x 2 x 1,5	787	30,90	36,50	1944	500/1000