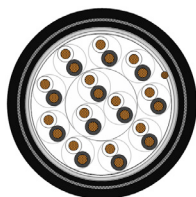
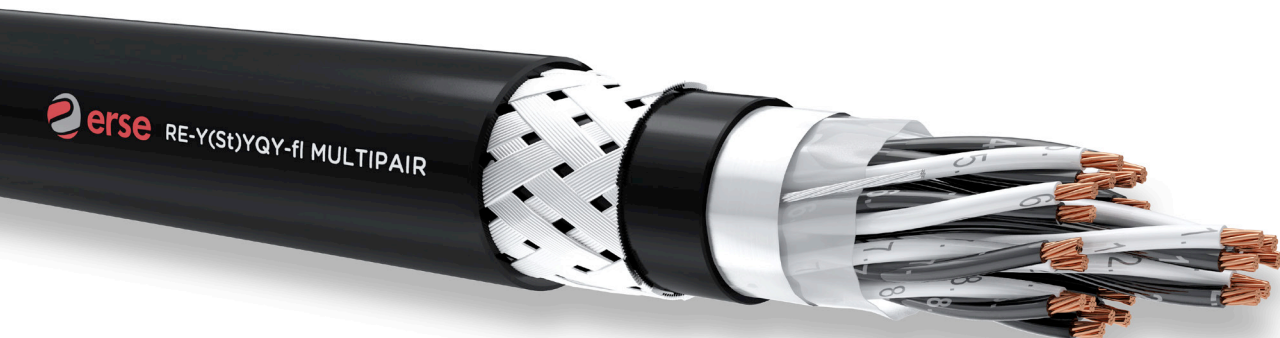


RE-Y(St)YQY-fi MULTIPAIR

CU/PVC/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 - 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 STEEL WIRE BRAIDING
- 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 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	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) (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	8X 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)YQY-fi MULTIPAIR**CU/PVC/OSCR/PVC/GSWB/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)
373750010	1 x 2 x 0,50	14	5,80	10,00	140	500/1000
373750020	2 x 2 x 0,50	23	8,00	12,20	184	500/1000
373750040	4 x 2 x 0,50	42	9,20	13,40	237	500/1000
373750060	6 x 2 x 0,50	60	11,00	15,40	321	500/1000
373750080	8 x 2 x 0,50	78	12,00	16,50	359	500/1000
373750100	10 x 2 x 0,50	97	13,60	18,00	417	500/1000
373750120	12 x 2 x 0,50	115	14,00	18,30	456	500/1000
373750160	16 x 2 x 0,50	152	15,80	20,40	568	500/1000
373750200	20 x 2 x 0,50	189	17,80	22,50	663	500/1000
373750240	24 x 2 x 0,50	225	19,00	24,00	750	500/1000
373775010	1 x 2 x 0,75	19	6,20	10,20	160	500/1000
373775020	2 x 2 x 0,75	33	8,60	12,80	219	500/1000
373775040	4 x 2 x 0,75	60	10,00	14,20	278	500/1000
373775060	6 x 2 x 0,75	88	12,00	16,40	373	500/1000
373775080	8 x 2 x 0,75	117	13,20	17,60	420	500/1000
373775100	10 x 2 x 0,75	144	15,00	19,50	496	500/1000
373775120	12 x 2 x 0,75	173	15,20	20,00	564	500/1000
373775160	16 x 2 x 0,75	229	17,30	22,20	708	500/1000
373775200	20 x 2 x 0,75	285	19,50	24,30	822	500/1000
373775240	24 x 2 x 0,75	340	21,00	26,00	956	500/1000
373701010	1 x 2 x 1	23	6,60	10,80	180	500/1000
373701020	2 x 2 x 1	41	9,20	13,40	250	500/1000
373701040	4 x 2 x 1	77	10,80	15,20	325	500/1000
373701060	6 x 2 x 1	113	13,00	17,40	428	500/1000
373701080	8 x 2 x 1	149	14,30	19,00	501	500/1000
373701100	10 x 2 x 1	185	16,20	21,00	607	500/1000
373701120	12 x 2 x 1	221	16,50	21,30	672	500/1000
373701160	16 x 2 x 1	293	19,00	24,00	840	500/1000
373701200	20 x 2 x 1	365	21,00	26,20	997	500/1000
373701240	24 x 2 x 1	437	23,00	28,00	1139	500/1000
373713010	1 x 2 x 1,3	29	7,00	11,20	195	500/1000
373713020	2 x 2 x 1,3	53	10,00	14,00	272	500/1000
373713040	4 x 2 x 1,3	101	11,60	16,00	365	500/1000
373713060	6 x 2 x 1,3	149	14,00	18,40	484	500/1000
373713080	8 x 2 x 1,3	197	15,50	20,00	587	500/1000
373713100	10 x 2 x 1,3	245	17,50	22,30	718	500/1000
373713120	12 x 2 x 1,3	293	17,80	22,70	797	500/1000
373713160	16 x 2 x 1,3	389	20,30	25,20	989	500/1000
373713200	20 x 2 x 1,3	485	23,00	28,00	1180	500/1000
373713240	24 x 2 x 1,3	581	25,00	30,00	1369	500/1000
373715010	1 x 2 x 1,5	33	7,20	11,50	215	500/1000
373715020	2 x 2 x 1,5	61	10,20	14,50	300	500/1000
373715040	4 x 2 x 1,5	117	12,00	16,50	385	500/1000
373715060	6 x 2 x 1,5	173	15,00	19,50	535	500/1000
373715080	8 x 2 x 1,5	229	16,20	21,50	652	500/1000
373715100	10 x 2 x 1,5	285	18,30	23,80	784	500/1000
373715120	12 x 2 x 1,5	341	19,00	24,60	879	500/1000
373715160	16 x 2 x 1,5	453	21,00	26,80	1090	500/1000
373715200	20 x 2 x 1,5	565	24,50	30,50	1324	500/1000
373715240	24 x 2 x 1,5	677	27,60	34,40	1589	500/1000