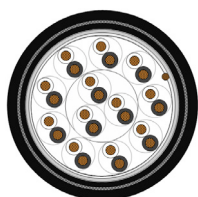
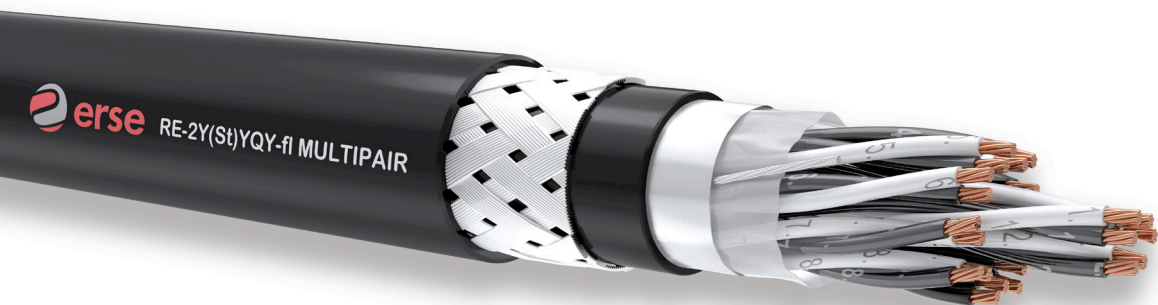


RE-2Y(St)YQY-fi (MULTIPAIR)

CU/PE/OSCR/PVC/GSWB/PVC



VERY GOOD EMC* CHARACTERISTICS / SMALL BENDING RADIUS
FLEXIBLE / FLAME RETARDANT AND HYDROCARBON RESISTANT



CONSTRUCTION

- | | |
|---------------------------|---|
| 1 - Conductor | IEC 60228 / DIN VDE 0295 / EN 60228 |
| 2 - Insulation | EN 50290-2-23 PE COMPOUND |
| 3 - Colour Code | BS 5308-1 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 65		IEC 60332-3-24
0,75 24,5		0,75 65	- 30°C-+70°C	VDE0482-332-3-24
1,0 18,1	5000	1,0 65	(FIXED LAYING)	EN 60332-3-24
1,3 13,9		1,3 75		BS EN 60332-3-24
1,5 12,1		1,5 75		

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 5308-1
EN 50288-7

RE-2Y(St)YQY-fi (MULTIPAIR)

CU/PE/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)	STANDART LENGTH (mt)
375750010	1 x 2 x 0,50	14	5,80	10,00	140	500/1000
375750020	2 x 2 x 0,50	23	8,00	12,20	184	500/1000
375750040	4 x 2 x 0,50	42	9,20	13,40	237	500/1000
375750060	6 x 2 x 0,50	60	11,00	15,40	321	500/1000
375750080	8 x 2 x 0,50	78	12,00	16,50	359	500/1000
375750100	10 x 2 x 0,50	97	13,60	18,00	417	500/1000
375750120	12 x 2 x 0,50	115	14,00	18,30	456	500/1000
375750160	16 x 2 x 0,50	152	15,80	20,40	568	500/1000
375750200	20 x 2 x 0,50	189	17,80	22,50	663	500/1000
375750240	24 x 2 x 0,50	225	19,00	24,00	750	500/1000
375775010	1 x 2 x 0,75	19	6,20	10,20	160	500/1000
375775020	2 x 2 x 0,75	33	8,60	12,80	219	500/1000
375775040	4 x 2 x 0,75	60	10,00	14,20	278	500/1000
375775060	6 x 2 x 0,75	88	12,00	16,40	373	500/1000
375775080	8 x 2 x 0,75	117	13,20	17,60	420	500/1000
375775100	10 x 2 x 0,75	144	15,00	19,50	496	500/1000
375775120	12 x 2 x 0,75	173	15,20	20,00	564	500/1000
375775160	16 x 2 x 0,75	229	17,30	22,20	708	500/1000
375775200	20 x 2 x 0,75	285	19,50	24,30	822	500/1000
375775240	24 x 2 x 0,75	340	21,00	26,00	956	500/1000
375701010	1 x 2 x 1	23	6,60	10,80	180	500/1000
375701020	2 x 2 x 1	41	9,20	13,40	250	500/1000
375701040	4 x 2 x 1	77	10,80	15,20	325	500/1000
375701060	6 x 2 x 1	113	13,00	17,40	428	500/1000
375701080	8 x 2 x 1	149	14,30	19,00	501	500/1000
375701100	10 x 2 x 1	185	16,20	21,00	607	500/1000
375701120	12 x 2 x 1	221	16,50	21,30	672	500/1000
375701160	16 x 2 x 1	293	19,00	24,00	840	500/1000
375701200	20 x 2 x 1	365	21,00	26,20	997	500/1000
375701240	24 x 2 x 1	437	23,00	28,00	1139	500/1000
375713010	1 x 2 x 1,3	29	7,00	11,20	195	500/1000
375713020	2 x 2 x 1,3	53	10,00	14,00	272	500/1000
375713040	4 x 2 x 1,3	101	11,60	16,00	365	500/1000
375713060	6 x 2 x 1,3	149	14,00	18,40	484	500/1000
375713080	8 x 2 x 1,3	197	15,50	20,00	587	500/1000
375713100	10 x 2 x 1,3	245	17,50	22,30	718	500/1000
375713120	12 x 2 x 1,3	293	17,80	22,70	797	500/1000
375713160	16 x 2 x 1,3	389	20,30	25,20	989	500/1000
375713200	20 x 2 x 1,3	485	23,00	28,00	1180	500/1000
375713240	24 x 2 x 1,3	581	25,00	30,00	1369	500/1000
375715010	1 x 2 x 1,5	33	7,20	11,50	215	500/1000
375715020	2 x 2 x 1,5	61	10,20	14,50	300	500/1000
375715040	4 x 2 x 1,5	117	12,00	16,50	385	500/1000
375715060	6 x 2 x 1,5	173	15,00	19,50	535	500/1000
375715080	8 x 2 x 1,5	229	16,20	21,50	652	500/1000
375715100	10 x 2 x 1,5	285	18,30	23,80	784	500/1000
375715120	12 x 2 x 1,5	341	19,00	24,60	879	500/1000
375715160	16 x 2 x 1,5	453	21,00	26,80	1090	500/1000
375715200	20 x 2 x 1,5	565	24,50	30,50	1324	500/1000
375715240	24 x 2 x 1,5	677	27,60	34,40	1589	500/1000