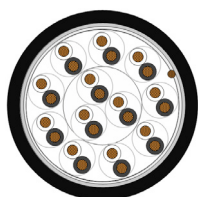


RE-2X(St)Y-fi (MULTIPAIR)

CU/XLPE/OSCR/PVC



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



CONSTRUCTION

- 1 - Conductor** IEC 60228 / DIN VDE 0295 / EN 60228
- 2 - Insulation** EN 50290-2-29 XLPE 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 - Sheath** EN 50290-2-22 PVC COMPOUND
- 8 - Sheath Colour** RAL 5015* BLUE; RAL 9005* BLACK
OR RAL 7032* GREY

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-+90°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	7,5 X 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

APPLICATION

1. Instrumentation and control engineering analog and digital signal transmission
2. Petroleum refineries
3. Petrochemistry industry
4. Power plants
5. Natural gas pump stations
6. Indoors and outdoors, dry, damp and wet environments
7. Gas Stations
8. Water Conveyance Systems

NOTES

- EMC*:** Electromagnetic compatibility
- FI*:** 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

RE-2X(St)Y-fi (MULTIPAIR)**CU/XLPE/OSCR/PVC**

CODE NR.	NUMBER OF CORE CROSS SECTION (mm ²)	OVERALL DIAMETER (mm)	COPPER WEIGHT (kg/km)	APPROX. WEIGHT (kg/km)	STANDART LENGTH (mt)
377950010	1 x 2 x 0,50	5,60	14	44	500/1000
377950020	2 x 2 x 0,50	7,80	23	68	500/1000
377950040	4 x 2 x 0,50	9,20	42	98	500/1000
377950060	6 x 2 x 0,50	11,20	60	158	500/1000
377950080	8 x 2 x 0,50	12,30	78	173	500/1000
377950100	10 x 2 x 0,50	14,00	97	214	500/1000
377950120	12 x 2 x 0,50	14,30	115	242	500/1000
377950160	16 x 2 x 0,50	16,40	152	319	500/1000
377950200	20 x 2 x 0,50	18,30	189	380	500/1000
377950240	24 x 2 x 0,50	19,90	225	451	500/1000
377975010	1 x 2 x 0,75	6,00	19	49	500/1000
377975020	2 x 2 x 0,75	8,60	33	78	500/1000
377975040	4 x 2 x 0,75	10,00	60	117	500/1000
377975060	6 x 2 x 0,75	12,20	88	189	500/1000
377975080	8 x 2 x 0,75	13,60	117	225	500/1000
377975100	10 x 2 x 0,75	15,30	144	272	500/1000
377975120	12 x 2 x 0,75	15,80	173	310	500/1000
377975160	16 x 2 x 0,75	18,00	229	410	500/1000
377975200	20 x 2 x 0,75	20,20	285	500	500/1000
377975240	24 x 2 x 0,75	22,00	340	594	500/1000
377901010	1 x 2 x 1	6,40	23	57	500/1000
377901020	2 x 2 x 1	9,20	41	98	500/1000
377901040	4 x 2 x 1	11,00	77	155	500/1000
377901060	6 x 2 x 1	13,20	113	231	500/1000
377901080	8 x 2 x 1	14,70	149	277	500/1000
377901100	10 x 2 x 1	16,80	185	345	500/1000
377901120	12 x 2 x 1	17,10	221	394	500/1000
377901160	16 x 2 x 1	19,90	304	524	500/1000
377901200	20 x 2 x 1	22,10	379	636	500/1000
377901240	24 x 2 x 1	23,90	453	746	500/1000
377913010	1 x 2 x 1,3	6,80	29	88	500/1000
377913020	2 x 2 x 1,3	10,00	53	112	500/1000
377913040	4 x 2 x 1,3	11,80	101	184	500/1000
377913060	6 x 2 x 1,3	14,40	149	283	500/1000
377913080	8 x 2 x 1,3	15,80	197	333	500/1000
377913100	10 x 2 x 1,3	18,00	245	413	500/1000
377913120	12 x 2 x 1,3	18,40	293	476	500/1000
377913160	16 x 2 x 1,3	21,10	389	632	500/1000
377913200	20 x 2 x 1,3	23,90	485	772	500/1000
377913240	24 x 2 x 1,3	26,00	581	918	500/1000
377915010	1 x 2 x 1,5	7,00	33	67	500/1000
377915020	2 x 2 x 1,5	10,20	61	130	500/1000
377915040	4 x 2 x 1,5	12,20	117	210	500/1000
377915060	6 x 2 x 1,5	15,30	173	314	500/1000
377915080	8 x 2 x 1,5	16,80	229	380	500/1000
377915100	10 x 2 x 1,5	19,10	285	470	500/1000
377915120	12 x 2 x 1,5	19,90	341	544	500/1000
377915160	16 x 2 x 1,5	22,10	453	710	500/1000
377915200	20 x 2 x 1,5	25,70	565	880	500/1000
377915240	24 x 2 x 1,5	29,00	677	1055	500/1000