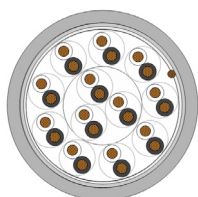


RE-2Y(St)H (MULTIPAIR)

CU/PE/OSCR/LSZH



VERY GOOD EMC* CHARACTERISTICS / SMALL BENDING RADIUS
 FLAME RETARDANT AND HYDROCARBON RESISTANT/
 LOW SMOKE EMISSION WITHOUT POISONED AND CORROSIVE GASSES



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 - Screen** TINNED COPPER DRAIN WIRE; AL-PES TAPE
- 7 - Sheath** EN 50290-2-27 LSZH COMPOUND
- 8 - Sheath Colour** RAL 5015* BLUE / RAL 7001* GREY
/ RAL 9005* BLACK

APPLICATION

-Indoor environments intensely populated by people where there is electromagnetic interference.

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. Dry-moist and wet places, at indoor
7. Gas Stations
8. Water Conveyance Systems

NOTES

EMC*: Electromagnetic compatibility
Ral 5015 blue sheath*: In explosive and flare up places as ex-proof connecting, intrinsically safe
Ral 7001 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 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	7,5X Cable Ø
1,0 25	1,0 16			
1,3 40	1,3 18			
1,5 40	1,5 20			

SMOKE DENSITY	TEST ON CORROSIVENESS OF COMBUSTION GASES	HALOGEN FREE TEST
IEC 61034-2	IEC 60754-2	IEC 60754-1
VDE 0482-1034-2	VDE 0482-267-2-3	VDE 0482-267-2-1
EN 61034-2	EN 50267-2-3	EN 50267-2-1
BS EN 61034-2	BS EN 50267-2-3	BS EN 50267-2-1

DESIGN STANDARDS

PAS 5308-1
 EN 50288-7

RE-2Y(St)H (MULTIPAIR)

CU/PE/OSCR/LSZH

CODE NR.	NUMBER OF CORE CROSS SECTION (mm ²)	OVERALL DIAMETER (mm)	COPPER WEIGHT (kg/km)	APPROX. WEIGHT (kg/km)	STANDART LENGTH (mt)
376750010	1 x 2 x 0,50	5,60	14	44	500/1000
376750020	2 x 2 x 0,50	8,20	23	70	500/1000
376750040	4 x 2 x 0,50	9,40	42	98	500/1000
376750060	6 x 2 x 0,50	11,20	60	154	500/1000
376750080	8 x 2 x 0,50	12,30	78	177	500/1000
376750100	10 x 2 x 0,50	14,00	97	219	500/1000
376750120	12 x 2 x 0,50	14,30	115	248	500/1000
376750160	16 x 2 x 0,50	16,40	152	326	500/1000
376750200	20 x 2 x 0,50	18,30	189	388	500/1000
376750240	24 x 2 x 0,50	19,90	225	460	500/1000
376775010	1 x 2 x 0,75	6,00	19	49	500/1000
376775020	2 x 2 x 0,75	9,00	33	89	500/1000
376775040	4 x 2 x 0,75	10,00	60	127	500/1000
376775060	6 x 2 x 0,75	12,20	88	193	500/1000
376775080	8 x 2 x 0,75	13,60	117	231	500/1000
376775100	10 x 2 x 0,75	15,30	144	279	500/1000
376775120	12 x 2 x 0,75	15,80	173	316	500/1000
376775160	16 x 2 x 0,75	18,00	229	418	500/1000
376775200	20 x 2 x 0,75	20,20	285	509	500/1000
376775240	24 x 2 x 0,75	22,00	340	605	500/1000
376701010	1 x 2 x 1	6,40	23	57	500/1000
376701020	2 x 2 x 1	9,60	41	98	500/1000
376701040	4 x 2 x 1	11,00	77	159	500/1000
376701060	6 x 2 x 1	13,50	113	236	500/1000
376701080	8 x 2 x 1	14,70	149	293	500/1000
376701100	10 x 2 x 1	16,80	185	352	500/1000
376701120	12 x 2 x 1	17,10	221	402	500/1000
376701160	16 x 2 x 1	19,90	304	533	500/1000
376701200	20 x 2 x 1	22,10	379	647	500/1000
376701240	24 x 2 x 1	23,90	454	758	500/1000
376713010	1 x 2 x 1,3	6,80	29	88	500/1000
376713020	2 x 2 x 1,3	10,00	53	122	500/1000
376713040	4 x 2 x 1,3	11,80	101	188	500/1000
376713060	6 x 2 x 1,3	14,40	149	289	500/1000
376713080	8 x 2 x 1,3	15,80	197	339	500/1000
376713100	10 x 2 x 1,3	18,00	245	421	500/1000
376713120	12 x 2 x 1,3	18,40	293	483	500/1000
376713160	16 x 2 x 1,3	21,10	389	642	500/1000
376713200	20 x 2 x 1,3	23,90	485	784	500/1000
376713240	24 x 2 x 1,3	26,00	581	934	500/1000
376715010	1 x 2 x 1,5	7,00	33	69	500/1000
376715020	2 x 2 x 1,5	10,50	61	130	500/1000
376715040	4 x 2 x 1,5	12,50	117	210	500/1000
376715060	6 x 2 x 1,5	15,70	173	320	500/1000
376715080	8 x 2 x 1,5	17,00	229	387	500/1000
376715100	10 x 2 x 1,5	19,20	285	479	500/1000
376715120	12 x 2 x 1,5	20,00	341	554	500/1000
376715160	16 x 2 x 1,5	22,20	453	736	500/1000
376715200	20 x 2 x 1,5	25,80	565	894	500/1000
376715240	24 x 2 x 1,5	29,00	677	1080	500/1000