



## MPRX

### Application

- Fixed installations on ships and offshore units in all locations below the upper metallic deck
- Installations in radio stations
- For open deck applications in passenger ships

### Product Construction

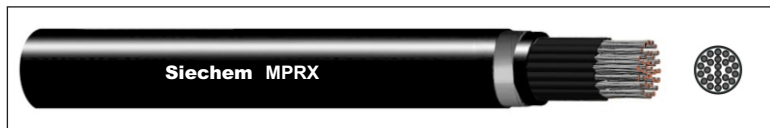
- Conductor : Electrolytic, stranded, annealed copper wire. IEC 60228 Class 2 (Class 5 / tinned on request)
- Insulation : Electron Beam Cross Linked Polyethylene
- Outer Sheath : Halogen free, flame retardant, thermoset, polyolefin based jacket compound (Black)

### Technical Data

- Temperature Range : - 40°C to +120°C
- Rated Voltage (U<sub>i</sub>/U) : 0.6/1kV
- Max. Operating Voltage : 1.2 kV
- Test Voltage : 3.5 kV
- Bending Radius(Min) : 8 x Cable Diameter
- Short-circuit temp (max) : 250°C

### Features

- Flame retardant : IEC - 60332-3 (Cat A)
- Tests & Materials : IEC - 60092/353
- Halogen free : IEC 60754 -1
- Electron Beam Cross Linked
- Smoke Density : IEC 61034
- Gases corrosivity : IEC 60754-2
- Gases toxicity : IEC 60754-1
- Oil resistant



Part Number	Number of Cores and mm <sup>2</sup> Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Total Weight Kg/Km approx.
304S19XX*	1 x 4	5.9	36	78
304S23XX	1 x 6	6.4	53	100
304S27XX	1 x 10	7.3	90	144
304S28XX	1 x 16	8.2	142	210
304S30XX	1 x 25	10.1	222	310
304S32XX	1 x 35	11.1	311	410
304S34XX	1 x 50	12.8	444	560
304S37XX	1 x 70	14.9	622	770
304S38XX	1x 95	16.7	844	1020
304S41XX	1 x 120	18.6	1066	1270
304S42XX	1 x 150	20.7	1333	1590
304S44XX	1 x 185	22.9	1644	1960
304S46XX	1 x 240	25.7	2133	2500
304S48XX	1 x 300	28.4	2666	3100
3041302	2 x 1.5	7.8	27	110
3041602	2 x 2.5	8.9	45	140
3041902	2 x 4	9.9	71	190
3042302	2 x 6	10.9	107	240
3042702	2 x 10	13.0	178	340
3042802	2 x 16	15.1	284	500
3043002	2 x 25	17.6	444	750
3041303	3 x 1.5	8.3	41	130
3041603	3 x 2.5	9.4	68	170
3041903	3 x 4	10.4	107	220
3042303	3 x 6	11.8	160	290
3042703	3 x 10	13.8	267	440
3042803	3 x 16	16.1	427	630
3043003	3 x 25	19.8	666	1000
3043203	3 x 35	21.3	933	1320
3043403	3 x 50	24.7	1333	1750
3043703	3 x 70	27.3	1866	2520



Part Number	Number of Cores and mm <sup>2</sup> Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Total Weight Kg/Km approx.
3043803	3 x 95	31.1	2533	3365
3044103	3 x 120	34.5	3199	4200
3041304	4 x 1.5	9.2	53	150
3041604	4 x 2.5	10.3	91	210
3041904	4 x 4	11.6	142	275
3042304	4 x 6	12.6	213	375
3042704	4 x 10	15.4	355	565
3042804	4 x 16	17.9	569	825
3043004	4 x 25	22.0	889	1250
3043204	4 x 35	23.9	1244	1700
3043404	4 x 50	27.8	1777	2340
3043704	4 x 70	32.9	2488	3280
3043804	4 x 95	36.1	3377	4350
3041305	5 x 1.5	10.1	67	180
3041605	5 x 2.5	11.2	115	250
3041307	7 x 1.5	11.0	96	230
3041310	10 x 1.5	14.1	136	320
3041312	12 x 1.5	14.7	163	360
3041314	14 x 1.5	15.5	190	405
3041316	16 x 1.5	16.3	218	470
3041319	19 x 1.5	17.4	258	530
3041324	24 x 1.5	20.5	326	660

Note : XX\* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	

