



MPRXCX

Application

- Fixed installations on ships and offshore units in all locations below the upper metallic deck
- Minimizes radio interferences and electrical influences
- Installation on passenger ships

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 : No toxicity to IEC 60754-1
- Oil resistant

Product Construction

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

Technical Data

- Temperature Range : - 40°C to +120°C
- Rated Voltage (U₀/U) : 0.6/1kV
- Bending Radius(Min) : 8 x Cable Diameter
- Short-circuit temp(max.) : 250°C



Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Total Weight Kg/Km approx.
305S19XX*	1 x 4	7.3	76	135
305S23XX	1 x 6	7.8	99	160
305S27XX	1 x 10	8.9	144	210
305S28XX	1 x 16	9.8	209	280
305S30XX	1 x 25	11.7	306	410
305S32XX	1 x 35	12.7	411	510
305S34XX	1 x 50	14.8	567	690
305S37XX	1 x 70	16.9	774	960
305S38XX	1 x 95	18.7	1029	1230
305S41XX	1 x 120	20.6	1311	1470
305S42XX	1 x 150	22.7	1610	1870
305S44XX	1 x 185	24.9	1963	2220
305S46XX	1 x 240	27.2	2501	2830
305S48XX	1 x 300	30.4	3340	3500
3051302	2 x 1.5	3.9	100	160
3051602	2 x 2.5	10.2	127	190
3051902	2 x 4	11.4	165	235
3052302	2 x 6	12.6	212	320
3052702	2 x 10	14.8	395	337
3052802	2 x 16	16.9	466	590
3053002	2 x 25	20.4	665	870
3051303	3 x 1.5	9.9	120	190
3051603	3 x 2.5	10.8	156	230
3051903	3 x 4	12.0	210	280
3052303	3 x 6	13.2	.277	390
3052703	3 x 10	15.7	412	550
3052803	3 x 16	18.0	631	780
3053003	3 x 25	21.7	919	980
3053203	3 x 35	23.7	1228	1500
3053403	3 x 50	26.5	1698	1900
3053703	3 x 70	29.1	2408	2710



Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Total Weight Kg/Km approx.
3053803	3 x 95	32.9	3187	3560
3054103	3 x 120	36.7	3970	4360
3051304	4 x 1.5	10.6	142	230
3051604	4 x 2.5	11.9	185	270
3051904	4 x 4	13.0	279	380
3052304	4 x 6	14.6	366	480
3052704	4 x 10	17.3	540	700
3052804	4 x 16	19.8	791	980
3053004	4 x 25	23.9	1165	1500
3053204	4 x 35	25.7	1573	1960
3053404	4 x 50	29.6	2273	2530
3053704	4 x 70	33.7	3085	3610
3053804	4 x 95	38.3	4106	4660
3051305	5 x 1.5	11.7	166	255
3051605	5 x 2.5	12.8	215	360
3051307	7 x 1.5	12.5	204	340
3051310	10 x 1.5	16.0	313	430
3051312	12 x 1.5	16.6	348	470
3051314	14 x 1.5	17.4	389	530
3051316	16 x 1.5	18.2	427	580
3051319	19 x 1.5	19.3	481	650
3051324	24 x 1.5	22.4	596	800

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	

