

## MULTI-CONDUCTOR CABLE

Unscreened multi-conductor cable with a LSF sheath are suitable for Building Management Systems (BMS), Sound, Audio, Security, Safety, Control and Instrumentation



### CONSTRUCTION

**Formation:**

Plain annealed copper wire, Stranded

**Insulation:**

Polyolefine - PO

**Cable twisting:**

Two or more wire twisted

**Outer Sheath:**

Low Smoke Fume - PVC

**Colour Outer Sheath:**

Grey

### IDENTIFICATION OF CORES

2 Core: ● ●  
3 Core: ● ● ○  
4 Core: ● ● ○ ●  
5 Core: ● ● ○ ● ●  
6 Core: ● ● ○ ● ● ●  
7 Core: ● ● ○ ● ● ● ●  
8 Core: ● ● ○ ● ● ● ● ●

### CABLE PRINTING

RAMCRO ITALY - R\_\_\_\_\_ - AUDIO CONTROL & INSTRUMENTATION CABLE 2C 22AWG UNSCREENED LSF  
300 V 75 C IEC 60332-1/UL 1581 - RAMCRO CODE - "PROD. WEEK/YEAR" - MADE IN ITALY + BATCH + METER MARKING

### ELECTRICAL DATA

Insulation Resistance @ 20°C: > 25 MOhm\*Km  
Test Voltage Core-Core: 2000 V  
Test Voltage Core-Screen: 2000 V  
Inductance: < 1 mH/km  
Operating Voltage: 300 V

### STANDARD REFERENCES

- (BS) EN 50290-2
- IEC 60228
- IEC 60332-1 for PVC sheath
- IEC 60332-3-24 for LSZH(FRNC) sheath
- IEC 60754-1&2 for LSZH(FRNC) sheath
- IEC 61034 for LSZH(FRNC) sheath

### TEMPERATURE RANGE

**During Operation:**

-30° C up to +80° C

**During Installation:**

-5° C up to +50° C



### CHARACTERISTICS

Building Management Systems Cable



Min. Bending Radius  
8 x cable diameter



Put up lenght 305 mt



**MULTI-CONDUCTOR CABLE****MULTI-CONDUCTOR CABLE**

LSF sheathed, Unscreened cables with 22AWG to 12AWG conductors

| RAMCRO CODE     | PART N° | FORMATION<br>[n° x AWG] | NOM. OUTER<br>DIAMETER [mm] | NOM WEIGHT<br>[kg/km] | MAX RESISTANCE<br>AT 20°C [Ohm/km] | NOM.<br>CAPACITANCE [pF/m] |
|-----------------|---------|-------------------------|-----------------------------|-----------------------|------------------------------------|----------------------------|
| SSS0207HBSXH-RB | R4060   | 2x22AWG                 | 3.1                         | 13                    | 56.7                               | 40.0                       |
| SSS0307HBSXX-RB | R4061   | 3x22AWG                 | 3.3                         | 17                    | 56.7                               | 35.0                       |
| SSS0407HBSXX-RB | R4062   | 4x22AWG                 | 3.6                         | 22                    | 56.7                               | 45.0                       |
| SSS0607HBSXX-RB | R4063   | 6x22AWG                 | 4.2                         | 30                    | 56.7                               | 45.0                       |
| SSS0807HBSXX-RB | R4064   | 8x22AWG                 | 4.6                         | 38                    | 56.7                               | 45.0                       |
| SSS0206HBSXH-RB | R4084   | 2x20AWG                 | 3.5                         | 18                    | 37.2                               | 46.0                       |
| SSS0306HBSXX-RB | R4085   | 3x20AWG                 | 3.7                         | 24                    | 37.2                               | 47.0                       |
| SSS0406HBSXX-RB | R4086   | 4x20AWG                 | 4.0                         | 30                    | 37.2                               | 47.0                       |
| SSS0606HBSXX-RB | R4087   | 6x20AWG                 | 4.8                         | 42                    | 37.2                               | 45.0                       |
| SSS0806HBSXX-RB | R4088   | 8x20AWG                 | 5.3                         | 54                    | 37.2                               | 45.0                       |
| SSS0205HBSXH-RB | R4028   | 2x18AWG                 | 3.9                         | 24                    | 22.9                               | 52.0                       |
| SSS0305HBSXX-RB | R4029   | 3x18AWG                 | 4.1                         | 33                    | 22.9                               | 55.0                       |
| SSS0405HBSXX-RB | R4030   | 4x18AWG                 | 4.5                         | 42                    | 22.9                               | 45.0                       |
| SSS0505HBSXX-RB | R4031   | 5x18AWG                 | 4.7                         | 53                    | 22.9                               | 45.0                       |
| SSS0605HBSXX-RB | R4032   | 6x18AWG                 | 5.4                         | 61                    | 22.9                               | 50.0                       |
| SSS0605HBSXX-RB | R4033   | 7x18AWG                 | 5.7                         | 75                    | 22.9                               | 50.0                       |
| SSS0805HBSXX-RB | R4034   | 8x18AWG                 | 6.0                         | 78                    | 22.9                               | 50.0                       |
| SSS1205HBSXX-RB | R4035   | 12x18AWG                | 7.0                         | 95                    | 22.9                               | 50.0                       |
| SSS0203HBSXH-RB | R4023   | 2x16AWG                 | 4.6                         | 34                    | 15.5                               | 53.0                       |
| SSS0303HBSXX-RB | R4024   | 3x16AWG                 | 4.9                         | 46                    | 15.5                               | 56.0                       |
| SSS0403HBSXX-RB | R4025   | 4x16AWG                 | 5.4                         | 59                    | 15.5                               | 55.0                       |
| SSS0603HBSXX-RB | R4026   | 6x16AWG                 | 6.5                         | 85                    | 15.5                               | 48.0                       |
| SSS0803HBSXX-RB | R4027   | 8x16AWG                 | 7.1                         | 111                   | 15.5                               | 45.0                       |
| SSS0201HBSXH-RB | R4080   | 2x14AWG                 | 5.5                         | 51                    | 9.3                                | 51.0                       |
| SSS0301HBSXX-RB | R4082   | 3x14AWG                 | 5.9                         | 72                    | 9.3                                | 55.0                       |
| SSS0401HBSXX-RB | R4084   | 4x14AWG                 | 6.5                         | 93                    | 9.3                                | 55.0                       |
| SSS0601HBSXX-RB | R4086   | 6x14AWG                 | 7.8                         | 135                   | 9.3                                | 50.0                       |
| SSS0801HBSXX-RB | R4088   | 8x14AWG                 | 8.7                         | 177                   | 9.3                                | 50.0                       |
| SSS0252HBSXH-RB | R4052   | 2x12AWG                 | 6.7                         | 79                    | 5.7                                | 60.0                       |
| SSS0352HBSXX-RB | R4054   | 3x12AWG                 | 7.1                         | 112                   | 5.7                                | 60.0                       |
| SSS0452HBSXX-RB | R4056   | 4x12AWG                 | 7.9                         | 146                   | 5.7                                | 60.0                       |
| SSS0652HBSXX-RB | R4058   | 6x12AWG                 | 8.7                         | 180                   | 5.7                                | 60.0                       |
| SSS0852HBSXX-RB | R4057   | 8x12AWG                 | 9.6                         | 214                   | 5.7                                | 60.0                       |