



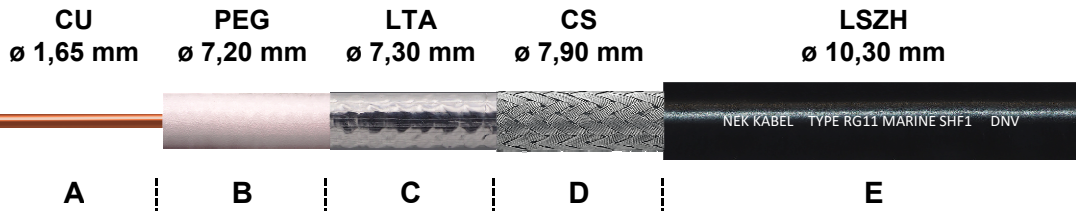
FABBRICA CAVI - ANTENNE - ACCESSORI TV



# TYPE RG11 - ref. 2915



IN ACCORDANCE TO : IEC 60092-359 IEC 60332-1-2 IEC 60332-3-22/24  
IEC 60754-1 IEC 60754-2 IEC 60811-3-1 IEC 61034-2



## MECHANICAL DATA

|          |                       |   |                   |
|----------|-----------------------|---|-------------------|
| <b>A</b> | <b>INNER CONDUCT.</b> | PLAIN COPPER  | ø 1,65 mm         |
| <b>B</b> | <b>DIELECTRIC</b>     | GAS INJECTED SKIN-FOAM-SKIN POLYETHYLENE  | ø 7,20 ± 0,10 mm  |
| <b>C</b> | <b>SHIELD</b>         | ALUMINIUM + POLYESTER + ALUMINIUM TAPE  | h. 27 mm          |
|          | - COVERAGE            |   | 100%              |
| <b>D</b> | <b>BRAID</b>          | TINNED COPPER   | 192 x 0,15 mm     |
|          | - COVERAGE            |   | 91%               |
| <b>E</b> | <b>SHEATH</b>         | FLAME RETARDANT NON-CORROSIVE<br>THERMOPLASTIC FREE OF HALOGENS - SHF1                                  | ø 10,30 ± 0,18 mm |
|          | - COLOUR              | <b>BLACK - RAL 9004</b>   |                   |
|          | - PRINTING            | <b>## METER ## NEK KABEL SETT/ANNO TYPE RG11 MARINE SHF1<br/>IEC 60332-3-22/24 CAT.A DNV SC..... CE</b> |                   |

### MINIMUM BENDING RADIUS ( mm )

|            |                 |
|------------|-----------------|
| - SINGLE   | ø EXTERNAL X 5  |
| - REPEATED | ø EXTERNAL X 10 |

### CABLE WEIGHT ( Kg/Km )

|           |       |
|-----------|-------|
| - COPPER  | 55,1  |
| - PLASTIC | 69,6  |
| - TOTAL   | 127,2 |

TEMPERATURE RANGE -40 °C / +80 °C

## ELECTRICAL PROPERTIES at 20°C

IMPEDANCE 75 ± 3 Ohm

CAPACITANCE 53 pF/m

VELOCITY RATIO 84%

### RESISTANCE

|                  |            |
|------------------|------------|
| - INNER CONDUCT. | 8,2 Ohm/Km |
| - BRAID          | 5,0 Ohm/Km |

### TENSION

|                 |        |
|-----------------|--------|
| - SHEATH        | 6,0 kV |
| - SPARK TESTING |        |

### ATTENUATIONS dB/100 m.

|         |     |          |      |          |      |
|---------|-----|----------|------|----------|------|
| 5 MHz   | 0,9 | 470 MHz  | 8,6  | 1500 MHz | 16,4 |
| 10 MHz  | 1,2 | 600 MHz  | 9,8  | 1750 MHz | 17,8 |
| 50 MHz  | 2,8 | 800 MHz  | 11,7 | 2150 MHz | 19,5 |
| 100 MHz | 3,8 | 862 MHz  | 11,9 | 2400 MHz | 20,4 |
| 200 MHz | 5,4 | 1000 MHz | 12,9 | 2750 MHz | 22,1 |
| 300 MHz | 6,5 | 1350 MHz | 15,3 | 3000 MHz | 23,5 |

### STRUCTURAL RETURN LOSS dB

|             |     |     |
|-------------|-----|-----|
| 30 ÷ 470    | MHz | >31 |
| 470 ÷ 862   | MHz | >26 |
| 862 ÷ 2150  | MHz | >23 |
| 2150 ÷ 3000 | MHz | >20 |

### SCREENING EFFECTIVENESS dB EN 50117 STANDARD

|                           |             |     |     |        |
|---------------------------|-------------|-----|-----|--------|
| <b>TRANSFER IMPEDANCE</b> | 5 ÷ 30      | MHz | <5  | mOhm/m |
|                           | 30 ÷ 1000   | MHz | >95 | dB     |
|                           | 1000 ÷ 2000 | MHz | >90 | dB     |
|                           | 2000 ÷ 3000 | MHz | >80 | dB     |

The producer reserves himself to make modification on the item without any notice.