

RG 213 /U

CONSTRUCTION PROPERTIES

material data

1°- Inner conductor: red copper 7x0,75mm

CU

dimension

∅ 2,20 mm

2°- Insulation: Polyethylene

PEE

∅ 7,20 mm

3°- Braid: red copper wires

Cu

∅ 8,10 mm

4°- Sheath: Polyvinylchloride FLAME RETARDANT colours .BLACK

PVC-AF

∅ 10,30 mm



ELECTRICAL SPECIFICATIONS

| | | | |
|--------------------------------|--------|-----|-------|
| Screening Attenuation: | dB | >55 | |
| Braid coverage | % | 98 | |
| DC Resistance: Inner conductor | Ohm/Km | 6,5 | |
| Outer conductor | Ohm/Km | 4 | |
| Nominal Impedance | Ohm | 50 | +/- 2 |
| Capacitance approx | pF/m | 97 | +/- 2 |
| Velocity ratio | % | 66 | |
| Maximum voltage (spark test) | kV | 7 | |

| Attenuation | | dB/100 m | |
|-------------|----|----------|--|
| Frequency | | | |
| 5 MHz | dB | 4,0 | |
| 50 MHz | dB | 7,0 | |
| 100 MHz | dB | 9,0 | |
| 200 MHz | dB | 11,0 | |
| 400 MHz | dB | 15,0 | |
| 1000 MHz | dB | 20,0 | |
| 2000 MHz | dB | 23,5 | |

| Return Loss | | SRL | |
|-----------------|----|------|--|
| Frequency | | | |
| 20 - 470 MHz | dB | > 27 | |
| 470 - 1500 MHz | dB | > 25 | |
| 1500 - 2150 MHz | dB | | |

| Max Power | | | |
|-----------|---|-----|--|
| Frequency | | | |
| 100 MHz | W | 830 | |
| 400 MHz | W | 320 | |
| 1000 MHz | W | 180 | |

MECHANICAL PROPERTIES

| | | |
|------------------------|---------|-----|
| Minimum bending radius | mm | 75 |
| Total weight | Kg / Km | 150 |
| Copper weight | Kg / Km | 80 |

TECHNICAL DATAS mod.TC15

latest issue date

01/04/2008

CONFORMITY

MIL C17 CEI20-35 - CEI20-22
EUROPEAN NORM RoHS

sign


