

CO 12 B70 AF

CONSTRUCTION PROPERTIES

| material data | | dimension |
|---|-----------|-----------|
| 1°- Inner conductor: red copper | CU | ∅ 1,13 mm |
| 2°- Proofing in pigmentated Polyethylene with black carbon | PEC | |
| 3°- Insulation: foam antiaging Polyethylene | PEE | ∅ 4,90 mm |
| 4°- Proofing in pigmentated Polyethylene with black carbon | PEC | |
| 5°- Tape: Aluminium/polyester/aluminium | AL/PET/AL | 100 % |
| 6°- Braid: tinned copper wires | CU - Sn | ∅ 5,60 mm |
| 7°- Film: Polyester | PET | 100 % |
| 8°- Sheath: Polyvinylchloride FLAME RETARDANT colours WHITE | PVC AF | ∅ 6,70 mm |



ELECTRICAL SPECIFICATIONS

| | | |
|-------------------------------|--------|----------|
| Screening Attenuation: | dB | >100 |
| Braid coverage | % | 70 |
| DC Resistance Inner Conductor | Ohm/Km | 17 |
| Outer Conductor | Ohm/Km | 13 |
| Nominal Impedance | Ohm | 75 +/- 3 |
| Capacitance approx | pF/m | 52 +/- 2 |
| Velocity ratio | % | 85 |
| Maximum voltage (spark test) | kV | 3 |

| Return Loss | | SRL |
|-----------------|----|------|
| Frequency | | |
| 20 - 470 MHz | dB | > 30 |
| 470 - 1500 MHz | dB | > 28 |
| 1500 - 2500 MHz | dB | > 24 |

| Attenuation | | dB/100 m |
|-------------|----|----------|
| Frequency | | |
| 5 MHz | dB | 1,0 |
| 50 MHz | dB | 3,6 |
| 200 MHz | dB | 8,0 |
| 300 MHz | dB | 9,5 |
| 470 MHz | dB | 12,4 |
| 860 MHz | dB | 16,8 |
| 1000 MHz | dB | 18,0 |
| 1750 MHz | dB | 24,9 |
| 2150 MHz | dB | 27,5 |
| 2500 MHz | dB | 29,5 |
| 3000 MHz | dB | 33,0 |

MECHANICAL PROPERTIES

| | | |
|------------------------|---------|-------|
| Minimum bending radius | mm | 20/50 |
| Total weight | Kg / Km | 52 |
| Copper weight | Kg / Km | 26 |

TECHNICAL DATAS mod.TC15

latest issue date

01/04/2008

CONFORMITY

EN50117 CEI20-35 - CEI20-11
EUROPEAN NORM RoHS

sign


