



ZDA-5,0

Cod. 559576101



Dati Tecnici

Cable construction

| | | | |
|----------------------------|---------------------|-------------------------|------------------------|
| (1) Inner conductor | Bare Copper | Coverage rate (%) | 115,00 |
| Inner conductor diam. (mm) | 0.80 ± 0.01 | (4) Braid | Aluminum wire |
| (2) Dielectric | Foamed Polyethylene | Number of wires | 96 |
| Dielectric diam. (mm) | 3.50 ± 0.10 | Wire's diameter (mm) | 0,12 |
| (3) Foil | AL/PET/AL | (5) Outer sheath | Polyvinyl chloride PVC |
| Thickness (µm) | 50,00 | Outer sheath diam. (mm) | 5.0 ± 0.20 |
| | | Outer sheath color | White |

Marking

OEM
 With marking and lenght printed every meter from 0 to 150 Meters for AR150, 0 to 500 meters for BP500, The printing must be Black

Applications

- Cables used in cable distribution networks

Reference standard

C90-132 Edition2 / NF EN 50117-1 / NF EN 50117-5
 Compliance certificate according to European directive 2002/95/EC RoHs

Electrical properties

| | | | |
|---|--------------|--------------------------|--------|
| Inner conductor's resistance (Ω/Km) | 35,00 | Propagation velocity (%) | 86,00 |
| Outer conductor's resistance (Ω/Km) | 34,30 | Sheath Spark Testing KV | 4,00 |
| Dielectric's max. tension (2KV continu) | No breakdown | Capacitance (pF/m) | 54 ± 3 |
| Impedance (Ω à 200MHz) | 75 ± 3 | | |

| | | | | | | | | | | | | |
|------------------------------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Frequency MHz | 5 | 50 | 200 | 470 | 860 | 1000 | 1750 | 2050 | 2150 | 2400 | 2400 | 3000 |
| Attenuations max. (dB/100m) | 1,30 | 5,50 | 10,60 | 16,90 | 23,60 | 25,60 | 34,40 | 37,50 | 38,20 | 40,50 | 40,50 | 45,40 |
| Reflexion's attenuations (dB/100m) | 33,00 | | 30,00 | | 27,00 | | 20,00 | | | | | |
| Screen's attenuations (dB) | ≥ 90 | | ≥ 90 | | | | | | | | | |