

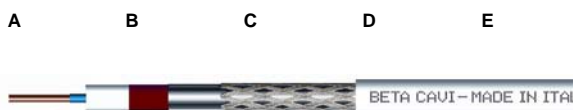


NX 35 Bond PVC

Drop Cable



Rev. 14 June 2005



Cu PEE Xgas A/P/A/Cop CuSn Pvc

Construction and Dimensions

| | materials | dimensions mm | tolerance mm |
|--|-----------|------------------|-----------------|
| A. Inner conductor : Solid soft annealed copper | Cu | 0,80 | ±0,012 |
| B. Dielectric : Foam polyethylene Xgas injected | PEE Xgas | 3,50 | ±0,05 |
| C. Outer conductor Foil : Aluminum/Polyester/Aluminum/Copolymer Bonded to the dielectric | A-P-A-Cop | 100% | |
| D. Braid : Tinned copper wire Coverage : Visual coverage | CuSn | 40% | |
| E. Sheath Not contaminating PVC lead free UV resistant | Pvc | 5,00 | ±0,10 |

Electrical Characteristics

| | | | |
|--------------------------|-----------------|------|------|
| Impedance : | | 75±1 | Ω |
| Capacitance : | | 53±2 | pF/m |
| Velocity ratio : | | 83 | % |
| Voltage test of sheath : | | 2 | kVdc |
| Resistance at 20° C | Inner conductor | 34 | Ω/km |
| | Outer conductor | 34 | Ω/km |

Attenuation at 20° C

| MHz | dB/100m | MHz | dB/100m | MHz | dB/100m | MHz | dB/100m |
|-----|---------|------|---------|------|---------|------|---------|
| 50 | 5,6 | 862 | 23,4 | 1750 | 34,0 | 3000 | 45,4 |
| 200 | 11,0 | 1000 | 25,3 | 2150 | 37,9 | | |
| 450 | 16,7 | 1350 | 29,6 | 2400 | 40,2 | | |

Return Loss SRL

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BETACAVI

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