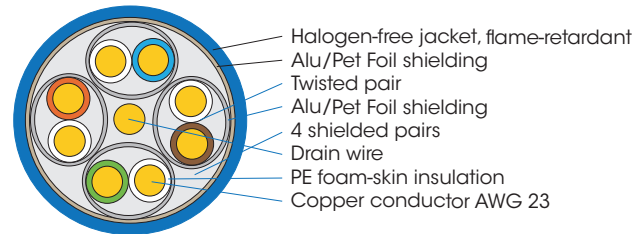


## OmniMedia HD 1000 Residential Cable

### ABI-KP1004S0.. - Bulk cable

### ABI-KP1004S1.. - Cable in flextube

- ✓ Universal cable for TV, AV, Data, Phone, Music
- ✓ Conforms to abitana's OmniMedia system specifications
- ✓ Highly efficient TV-grade aluminium foil shielding
- ✓ Low skew provides extra margin for HDMI-3D and 10 Gigabit Ethernet
- ✓ Small diameter
- ✓ Cca - s1a, d1, a1 LSZH fire specification



The OmniMedia HD installation cable lies at the core of abitana's Smart Media universal home cabling network.

The OmniMedia technology is compatible with CableTV DVB-C and DVB-T standards, with HDMI and AV equipment from the major vendors, with 10 Gigabit Ethernet data signals and with all residential analog and digital telephony signals.

The design has been optimised in a system approach to work seamlessly with the new OmniMedia generation of HD RJ45 connectors and HD patch cords. This system approach gives you the added comfort of a system guarantee.

OmniMedia HD distinguishes itself by:

- A small diameter and bending radius:
  - Easier to pull in tubes, less friction
  - Smaller cable bundles mean smaller cable ducts
  - Easier to bend back in the wall box

Modified highly efficient aluminium foil shields

Very low skew between the pairs:

- Extra system margin at 10 Gigabit Ethernet
- Extra synchronisation margin for HDMI 3D at 2K, 4K and 10K resolutions

Extended bandwidth:

- 1000 MHz Cable TV (DVB-C) and DTT (DVB-T)
- 1 GB/s Ethernet @ 100m
- 10GB/s Ethernet @ 50m

## CHARACTERISTICS

### Electrical specifications:

- Performance compliant with:
  - Category 6: IEC 61156-5, EN 50288-5-1, EIA/TIA 568
  - Class E permanent link: ISO/IEC 11801 (2-2009), EN 50173-1 (2009)
  - Grade3: NF C 15-100, UTE C 90-483
  - TV Shielding Efficiency: EN50083
  - Interference Radiation: EN 55022
  - Electro Magnetic Immunity: EN 55024
  - Impedance@100MHz: 100 Ohm+/- 15%
  - Propagation velocity@10MHz: 0,78\*c (NVP\*c)
  - Propagation Delay@10MHz-600MHz: 5,3 ns/m
  - Delay Skew: 3 ns/35m
  - Coupling attenuation: better than 75dB, Class A
  - Performance data: see charts

### Hazards:

- Insulation Resistance: > 5000 MOhm/km
- LSZH low smoke halogen free construction: IEC60754-1 / EN50267-2 / IEC60754-2 / EN50267-2-2
- Reaction to fire: EN50575:2014+A1:2016 Cca - s1a, d1, a1
- ROHS 2011/65
- Reach 1907/2006/EC

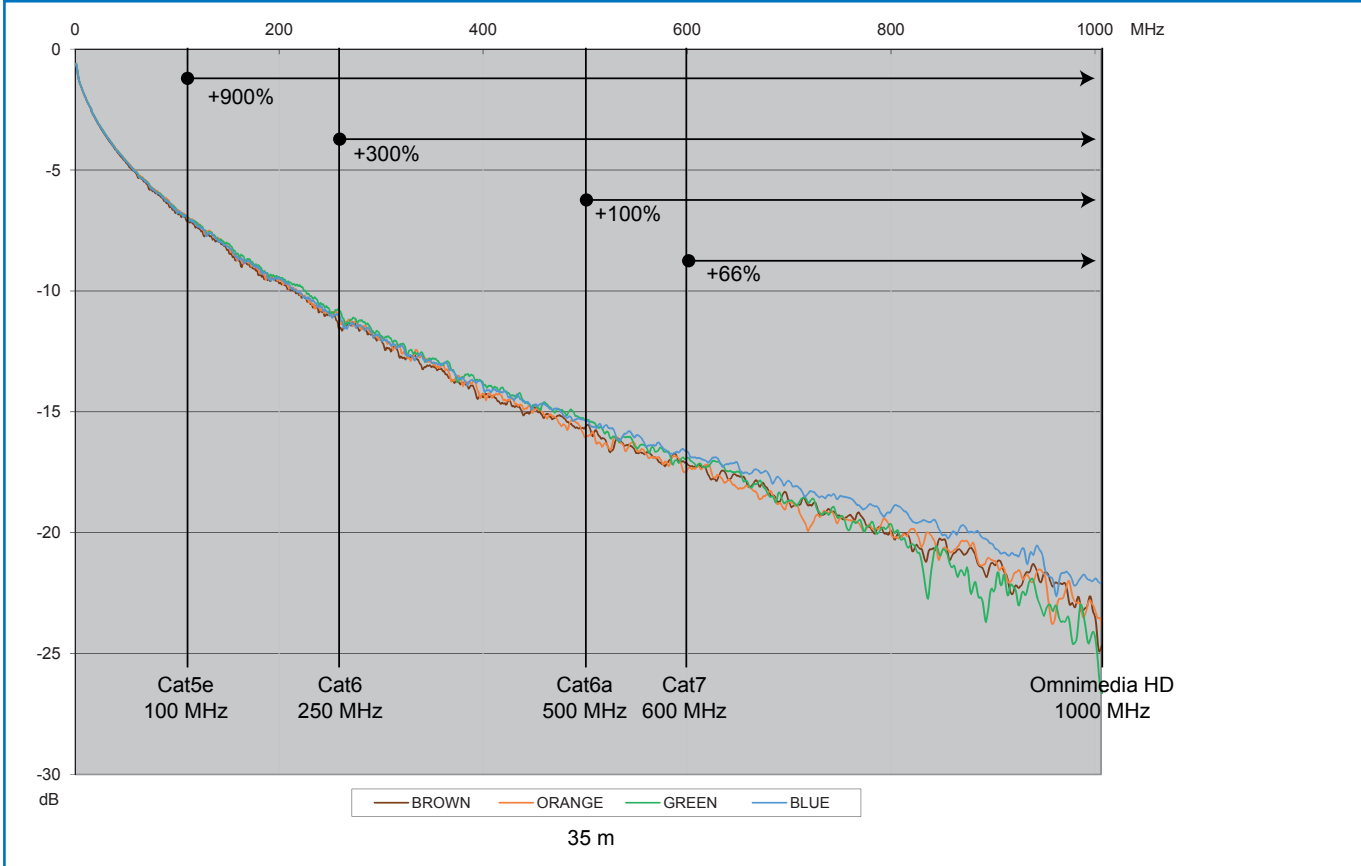
### Mechanical:

- F/FTP construction:
  - individual pair Alu/Pet foil
  - outer Alu/Pet foil
- Conductor:
  - Halogen-free foam skin 23 AWG
- Outer jacket: Ivory (RAL1013) LSZH material
- Operating temp.: -20°C to +60°C
- Installation temp.: 0°C to +50°C
- Minimum installation bend radius: >= 60mm
- Minimum static bend radius: >= 30mm
- Max tensile strength: 100N
- Outer diameter: 7,5mm nominal
- Environments: Indoor dry and damp rooms
- Weight: approx 60kg/km

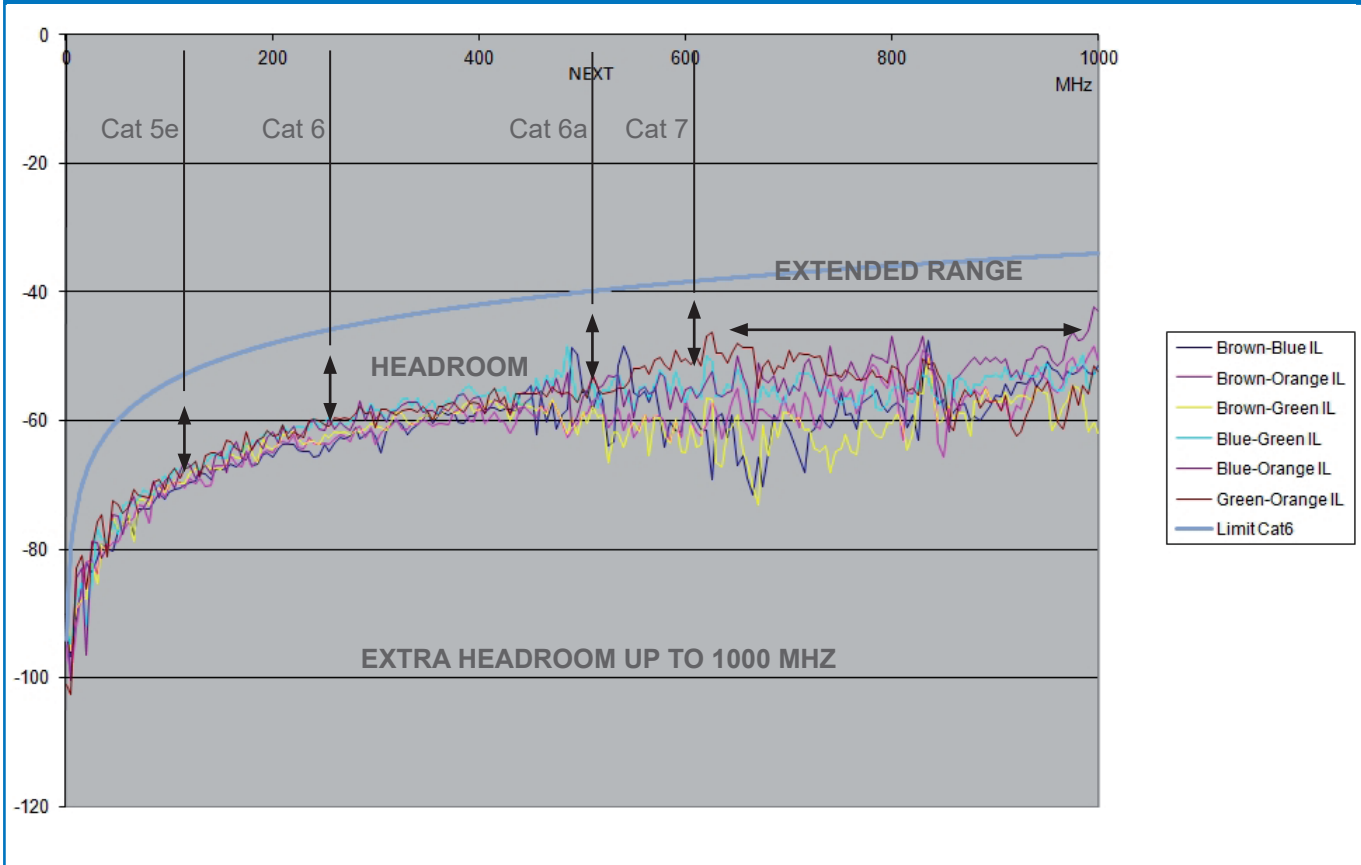
### Quantities of packaging:

- ABI-KP1004S001: 100m spool
- ABI-KP1004S005: 500m drum
- ABI-KP1004S101: 100m spool, cable in flextube
- ABI-KP1004S102: 250m drum, cable in flextube

## INSERTION LOSS



## NEXT



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Specifications are subject to change without notice.