

## Coaxial cable TZC 750 25, KLLXB HF 75 0.3/1.95

### Application

75 ohm single flexible halogen-free coaxial cable which meets more stringent requirements for flame resistance. Suitable for connections within telephone exchanges generally, and between telephone exchanges and the Digital Distribution Frame (DDF).

Intended for indoor installation.

Example of connectors:

[RNT 148 102](#), M4 jack

[RPT 148 102](#), M4 straight plug

[RNT 158 30](#), BNC bulk head jack

[RPT 158 54](#), BNC straight plug

[RNV 325 02](#), Free fork connector, straight crimp

### Technical Information

Inner conductor, solid plain copper wire, D=0.31mm

Insulation, solid polyethylene, D=1.95mm

Outer conductor, double braid of tin-plated copper wire, D=2.8mm

Sheath, flame-retardant halogen-free polyethylene, D=3.6mm

Impedance, 75ohm (nom)

Capacitance, 67pF/m (nom)

Attenuation, 1MHz, 2.3dB/100m (nom)

Attenuation, 4MHz, 4.5dB/100m (nom)

Attenuation, 17MHz, 9.2dB/100m (nom)

Attenuation, 70MHz, 19dB/100m (nom)

Attenuation, 200MHz, 32dB/100m (nom)

Velocity ratio, 0.66 (nom)

DC-resistance, inner conductor, 228ohm/km (nom)

DC-resistance, outer conductor, 17.5ohm/km (nom)

Dielectric strength 60s, 3.3kV DC

Insulation resistance, 5000Mohmkm (min)

Operating voltage, 0.75kV AC (max peak value)

Operating temperature, -15 to +70°C

Bending radius, +20°C, 20mm (min)

Bending radius, -30°C, 40mm (min)

Flame retardant, IEC 60332-3 Category C

Halogen-free, IEC 60754-1, IEC 60754-2

Color, black

Overall diameter, 3.6mm

Weight, 0.024kg/m

Delivery lengths:

1000m (K4, drum height 34cm and weight 2.03kg)

12 drums on one pallet - 120x80x80cm3 325kg

6 drums on one pallet - 120x80x46cm3 165kg



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