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# KOMBY CABLE CAT7 + DIG.AUDIO + POWER 2XLAN + 2XDIG + 1POW BLACK 100 MT

Combined cable 2x Digital Audio + 2xCat.7 S./S.T.P. + 3x1.50 mm<sup>2</sup>  
For broadcast, DMX and LAN network cabling applications

Reference: C733LSHZ



Black sheath L.S.Z.H. .. Flame retardant and halogen free.

External cable Diam. 18,40 (ñ 0,20) mm.

The internal elements are wrapped with polyester-based tape.

3x1.50 mm<sup>2</sup> Power conductors:

Inner sheath L.S.Z.H. Black. Fire resistant and halogen free. Diam. 7.00 (ñ 0.20) mm.

Conductor insulation with L.S.Z.H. - Fire resistant and halogen free. Colored Brown, Blue and Yellow / Green. Diam. 2.30 (ñ 0.20) mm.

28x0.25 mm strand formation in O.F.C. Nom. Cross section 3x1.50 mm<sup>2</sup>.

2x (2x0.22) mm<sup>2</sup> Digital audio:

Gray inner sheaths in polymer L.S.Z.H. Fire resistant and halogen free. RAL 7001- Numbered 1 and 2 - Diam. 3.80 (ñ 0.20) mm.

First shielding in O.F.C.tinned copper braid, coverage at 80% and second shielding with aluminum tape covering 100%. Core insulation in expanded polypropylene, colored one blue and one red, are stranded in pairs. Diam.1,40 (ñ 0,20) mm.

7x0.20 mm strand formation in O.F.C.

Nom. Section 2x0.22 mm<sup>2</sup>.

2x (4x2x0.14) mm<sup>2</sup> LAN cable Cat.7 S./S.T.P. .:

Black inner sheath in L.S.Z.H. fire resistant and halogen free.

Numbered 1 and 2. Diam. 6.40 (ñ 0.20) mm.

Total shielding with O.F.C. tinned copper braid which covers 65%. Individual couples are stranded together.

The four single pairs are shielded with aluminum tape which covers 100%.

Core insulation in expanded polypropylene, twisted in pairs. Diam. 1.00 (ñ 0.20) mm. RJ45 compatible. Color code: White-Blue / Blue, White-Orange / Orange, White-Green / Green, White-Brown.

7x0.16 mm strand formation in O.F.C. Red Copper

Nom. Section 4x2x0.14 mm<sup>2</sup>.

Digital Audio Properties:

Conductor resistance: 79.15 Ohm / Km

Capacity: 46.0 pF / m

Impedance: 110 Ohm

CAT 7 Properties:

Maximum DC conductor resistance: 138 Ohm / Km

Capacit @ 800Hz: 44pF / m

Propagation speed @ 100MHz: about 77%

Attenuation of the LAN cable (dB / 100m):

Frequency (MHz) - Max Attenuation

10 - 8.80

100 - 28.5

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200 - 41.2  
350 - 55.8  
500 - 67.9  
750 - 77.2

RoHS3 Compliant: Ver. B / 30.04.19