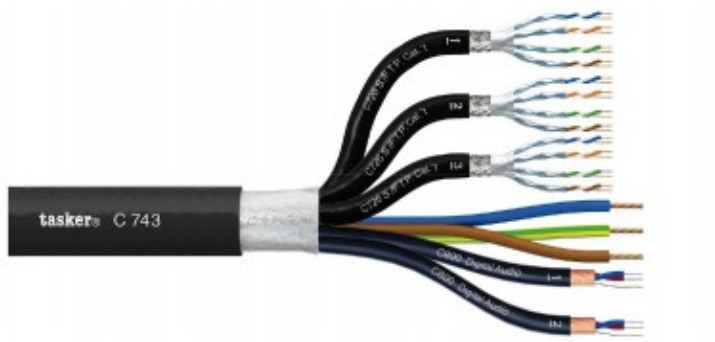
KOMBY CABLE 3CAT.7 + 2AUDIO DIG + POWER SEE CATALOG BLACK 100 MT



Combined cable 2x Digital Audio + 3xCat.7 S./S.T.P. + 3x2,50 mm2
For broadcast, DMX and LAN cabling applications.

Reference: C743

Black flame retardant soft PVC sheath.
External cable Diam. 20,80 (ñ 0,20) mm.
The internal elements are woven with polyester-based ribbon.
3x2.50 mm2 Power conductors:
Conductor insulation in PVC.
Colored brown, blue and yellow / green. Diam. 3,90 (ñ 0,20) mm.
48x0.25 mm strand formation in O.F.C. Nom. Cross section 3x2.50 mm2.
2x (2x0.22) mm2 Digital Audio 110 Ohm:
Internal sheaths in black fireproof PVC.
Numbered 1 and 2 - Diam. 4.40 (ñ 0.20) mm.
Red copper shield O.F.C. Red copper spiral, 100% coverage + stranded drain wire
PPE conductor insulation, colored one blue and one red. Diam. 1.50 (ñ 0.20) mm.
Formation of strands of 28x0.10 mm in tinned copper O.F.C. Nom. Section 2x0.22 mm2.
2x (4x2x0.14) mm2 Cat.7 S./S.T.P.
Black inner sheath in fireproof PVC.
Numbered 1, 2 and 3. Diam. 6.40 (ñ 0.20) mm.
Total shielding with O.F.C. tinned copper braid coverage 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 mm2.
Digital Audio Properties:
Conductor resistance: 79.15 Ohm / Km
Capacity: 46.0 pF / m
Impedance: 110 Ohm
CAT 7 Properties:
Maximum DC conductor resistance: 148 Ohm / Km
Capacit @ 800Hz: 47pF / m
Propagation speed @ 100MHz: about 74%
Attenuation of the LAN cable (dB / 100m):
Frequency (MHz) - Max Attenuation
10 - 8.80
100 - 28.5
200 - 41.2
350 - 55.8
500 - 67.9

700 - 77.7

RoHS3 Compliant: Ver. B / 10.05.18