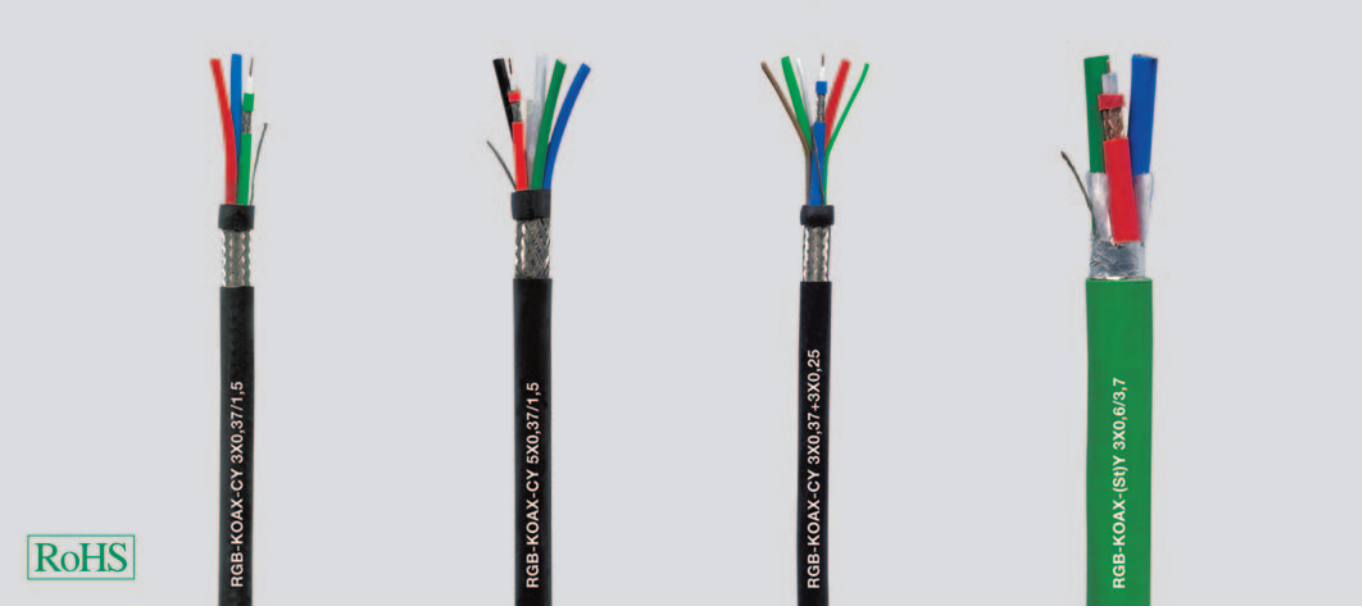
RGB-COAX-CY / RGB-COAX-(St)Y transmission cables for colour monitor



Technical data

- **Base cable 0,37/1,5 or 0,6/3,7**
- **Temperature range**
  fixed installation -10°C to +80°C
  flexing -5°C to +50°C
- **Mutual capacitance** 67 nF/km
- **Impedance** 75 Ohm
- **Attenuation**
  RGB-Coax 0,37/1,5
  1 MHz = 2,0 dB/100m
  2 MHz = 2,8 dB/100m
  5 MHz = 4,0 dB/100m
  10 MHz = 5,8 dB/100m
  20 MHz = 8,4 dB/100m
  50 MHz = 13,9 dB/100m
  100 MHz = 19,8 dB/100m
  200 MHz = 28,5 dB/100m
  RGB-Coax 0,6/3,7
  1 MHz = 1,1 dB/100m
  2 MHz = 1,5 dB/100m
  5 MHz = 2,5 dB/100m
  10 MHz = 3,5 dB/100m
  20 MHz = 4,5 dB/100m
  50 MHz = 7,2 dB/100m
  100 MHz = 10,4 dB/100m
  200 MHz = 15,1 dB/100m
- **Minimum bending radius**
  15x cable Ø

Cable structure

RGB-COAX-CY ... x0,37/1,5

- Inner conductor bare copper, solid, conductor Ø 0,37 mm
- Dielectric (insulation) of cell-Polyethylene
- Outer conductor of tinned copper wire braiding
- PVC-sheath in colour
  red, green, blue for 3xRGB COAX
  red, green, blue, white, black for 5xRGB COAX
- 3 or 5 Coax twisted with optimal lay-length
- Foil taping
- Overall braid-screening, tinned copper with optimal surface coverage and drain-wire
- PVC-outer sheath, black

RGB-COAX-CY 3x0,37/1,5 + 3x0,25

- Cable structure as per above, but with 3 additional control cores (3x0,25) in the interstices, colour brown, green, white

RGB-COAX-(St)Y ... x0,6/3,7 (deviation)

- Inner conductor, bare copper, solid, conductor Ø 0,6 mm
- Outer conductor of tinned or bare copper wire braiding
- Foil taping
- Plastic coated aluminium foil and drain wire
- Outer sheath of PVC, green or black

Properties

- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers.

Application

RGB cables are suitable for the transmission of both analogue and digital video signals.
They are used particularly as connecting cables for data systems, engineering applications (CAD, high-definition graphics) and in television studios. The three main signals (red, green, blue) are transmitted separately. Depending on the application, it is possible to supply the base cable with further coaxial cables or with symmetrical signal cores for the intensity and horizontal or vertical synchronisation.

RGB-COAX-CY ... 0,37/1,5

Part no.	No. RGB-Coax n x mm	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km
40145	3 x 0,37/1,5	7,2	23,0	59,0
40147	3 x 0,37/1,5 + 3 x 0,25	8,2	60,5	89,0
40146	5 x 0,37/1,5	9,0	36,0	89,0

RGB-COAX-(St)Y ... 0,6/3,7

Part no.	No. RGB-Coax n x mm	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km
40148	3 x 0,6/3,7	16,0	66,0	278,0
40149	5 x 0,6/3,7	19,0	102,0	397,0

Dimensions and specifications may be changed without prior notice. (RM01)