



RGB MULTIMEDIA CABLES



RGB 3/8

✓ MOBILE ✓ STUDIO ✓ INSTALLATION

sPVC ANALOG DIGITAL

APPLICATION

These cables provide a quality solution for the transmission of High and Super High resolution signals. Manufactured for applications requiring the routing of computer-video and VGA signals. It is the most common type of cable used for construction of 15 pin dsub (VGA/UXGA) cables

CONSTRUCTION DATA

Core Numbers x Section	3 x 75 Ω video cable
Inner conductor	7 x 0.16 mm ø (AWG 26) Stranded Tinned Copper
Insulation	2,1 mm ø Foam Pe
Coax 1st Shield	Tinned Copper Spiral Shielding % 100
Coax 2nd Shield	Al /Pes Foil % 100
Coax Jacket	Pvc, 1-Red 2-Green 3-Blue
Core Numbers x Section	8 x 0,14 mm ² Data Cable
Inner conductor	7 x 0.16 mm ø (AWG 26) Stranded Tinned Copper
Insulation	1.00 ± 0.02 mm ø Pvc
Overall shielding	Al /Pes Foil % 100
Drain Wire	7 x 0.25 mm ø Stranded Tinned Copper
Braiding	70% Coverage Tinned Copper Braiding
Outer Sheath	sPVC Matt
Outer Diameter	9,1 mm ø
Cable Weight	9,5 Kg/100 m

ELECTRICAL DATA

DC resistance	
Inner conductor	< 140 Ω / km
Shield	< 75 Ω / km
Mutual capacitance	56 pF/m
Velocity of Propagation	78%
Characteristic Impedance	75 Ω ± 2
Insulation resistance	> 2000 MΩ x km
Screening factor	≥ 100 dB
Max. Operating Voltage	1000 V Rms
Test voltage	1.5 kV
Return loss (dB) (400-860Mhz)	≥ 22 dB

Attenuation (db /100 Mt)								
Frequency (MHz)	1	5	10	20	30	50	100	300
Attenuation (dB/100m)	2.3	3.8	5.5	7.8	9.3	11.6	15.8	23

MECHANICAL DATA

Minimum bending radius	12 x D (D= outer diameter)
Temperature range	
Mobile installation	- 5° C to + 70° C
Fixed installation	-30° C to + 70° C

