



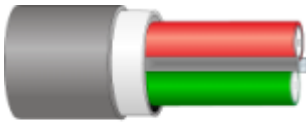
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VK 200
0370

ANALOG COAXIAL VIDEO
MULTICORE Y/C CABLES

Aplicaciones / Application



Cable utilizado principalmente para aplicaciones profesionales de Y/C y para aplicaciones miniatura de audio, video y control.

Cable specially used in professional Y/C's applications and in miniature video, audio and control applications.



Construcción / Construction

COMPOSICION/COMPOSITION: - 2 video coaxial cable VK 1.

1. 2 Cables VK 1:

1. Conductor

7x0,12 Ømm (AWG 28)
CuSn UNE 21-064

2. Aislante / Insulation

Foam High Density FHDPE (GAS INJECTED)
Ø 1,60 mm
IEC 708

3. Pantalla/ Shield

95 % CuSn UNE 21-064

4. Cubierta externa / General Jacket

Ø 2,6 mm
PVC UNE 21-031

Conectores recomendados / Suggested connectors: 5032-V

2. Cubierta General/General Jacket:

Ø 6,80 mm
PTC UNE 21-031



Peso/Weight (Kg / Km) : 50

Colors: Grey

REVISION DATE: 03-05-2005



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Datos Técnicos / Data Sheet

Propiedades Eléctricas / Electrical Properties

VK 1 DATA:

| | | | | | | |
|---|------------------|----------|--------|--------|-------|--------|
| Velocidad de Propagación/Velocity of propagation | % | 82,1 | | | | |
| Retraso Nominal/Nominal Delay | ns/m | 4,06 | | | | |
| Impedancia Nominal / Nominal Impedance | W | 75 ± 2 W | | | | |
| Capacidad Nominal / Nominal Capacitance | PF/m | 60,0941 | | | | |
| Máxima tensión de trabajo/Max. Operation Voltage | V | 300 | | | | |
| Inductancia Nominal /Nominal inductance (1Mhz) | µH/m | 0,372743 | | | | |
| Resistencia núcleo en DC/ Conductor DC resistance | W/Km | 219,935 | | | | |
| Resistencia malla en DC/Shield DC resistance | W/Km | 34,7914 | | | | |
| ATENUACION/ATTENUATION: | Freq (Mhz) | dB/100m | | | | |
| | 8,143 | -4,24 | | | | |
| | 9,719 | -5,07 | | | | |
| | 16,645 | -7,78 | | | | |
| | 36,704 | -12,62 | | | | |
| | 50,603 | -15,17 | | | | |
| | 66,125 | -17,67 | | | | |
| | 82,985 | -20,06 | | | | |
| | 103,904 | -22,75 | | | | |
| | 150,40 | - 28,12 | | | | |
| | 270,9 | - 39,91 | | | | |
| | 500 | - 43,98 | | | | |
| Minimum STRUCTURAL RETURN LOSS (SRL) | Sweep | dB | | | | |
| | 5Mhz – 300Mhz | -27,12 | | | | |
| | 300 Mhz- 650 Mhz | -20,22 | | | | |
| | 650Mhz – 1100Mhz | -14,83 | | | | |
| SMITH CHART (300Khz-270Mhz) | | | | | | |
| Frequency (Mhz) | 7,597 | 20,073 | 39,390 | 47,117 | 88,60 | 93,065 |
| Ohms (O) | 75,28 | 74,88 | 76,66 | 74,08 | 73,94 | 73,10 |

Las especificaciones están sujetas a cambio sin previo aviso

Specifications subject to change without prior notice

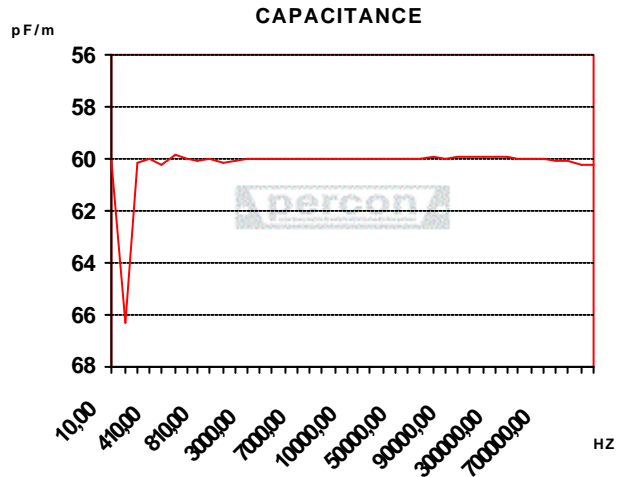
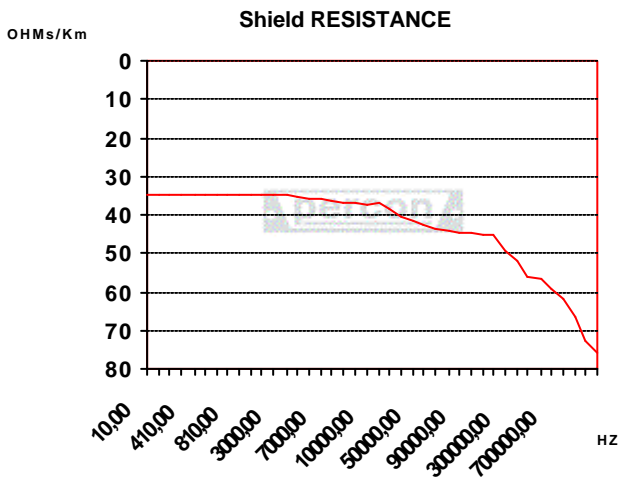
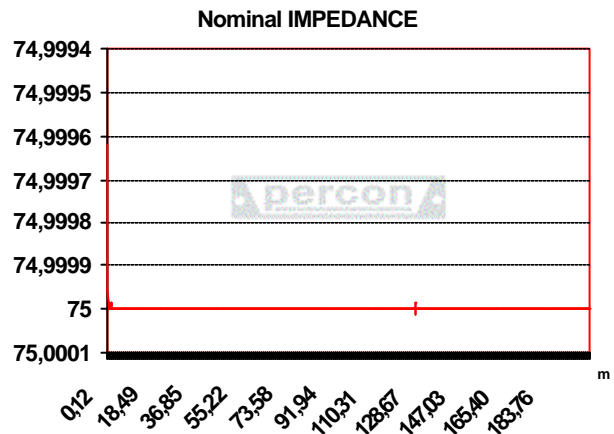
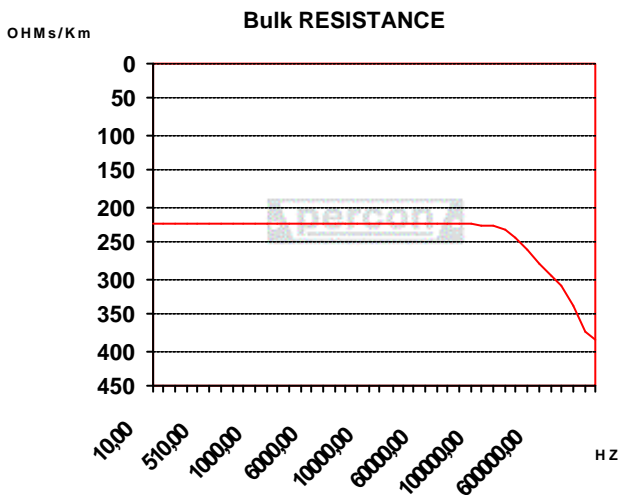
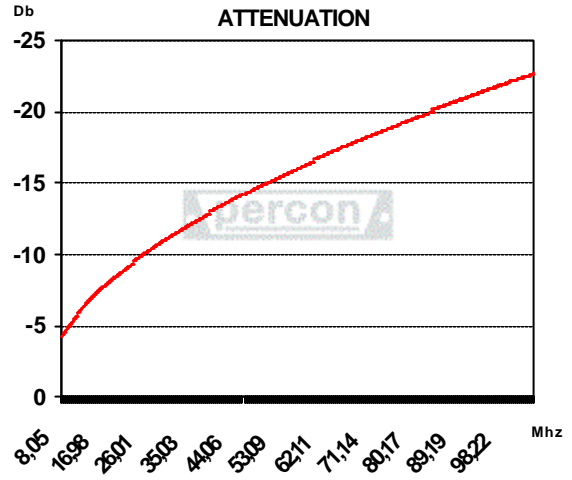
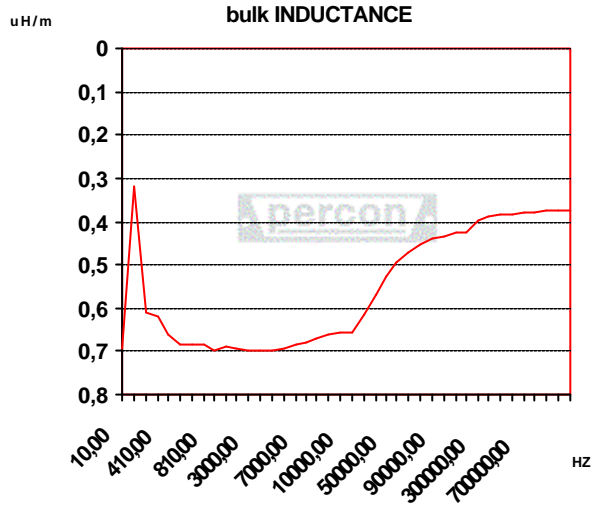


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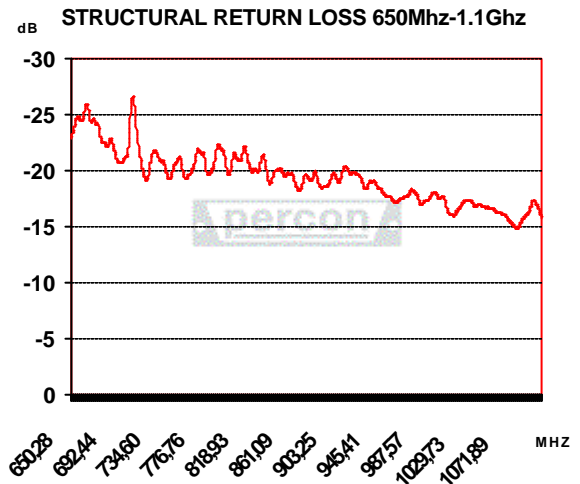
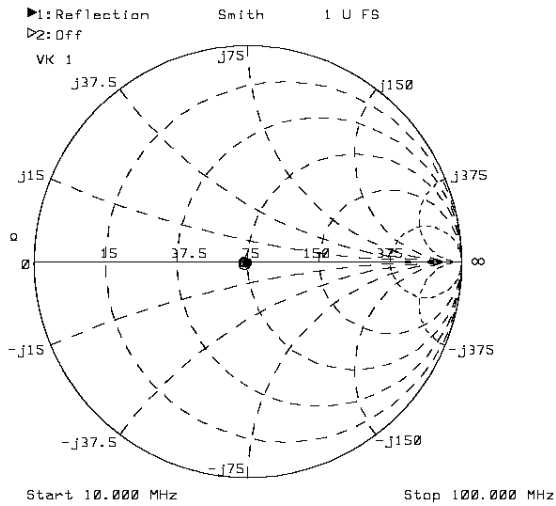
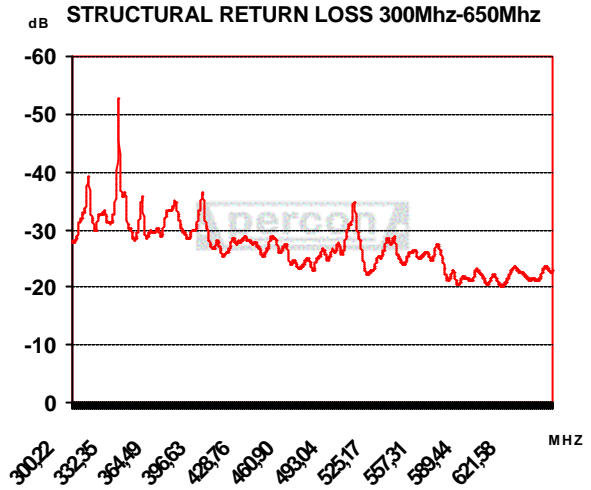
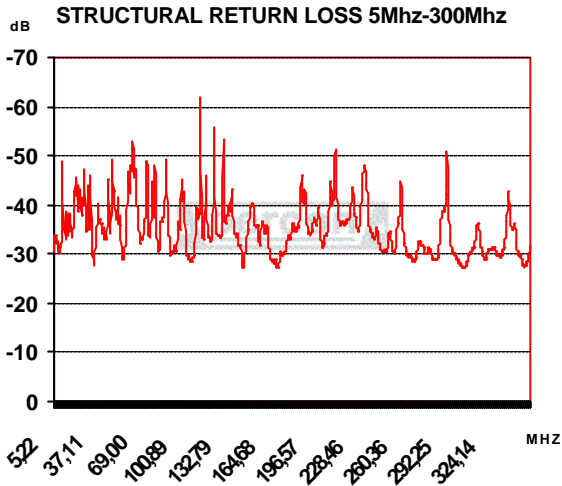


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Datos de aplicación / Application Data:

Formato analógico / Analogue format:

| | TRANSMISSION DISTANCE IN METERS OF ANALOGUE VIDEO SIGNAL WITH MINIMUM LOSSES (MAX -3 dB) |
|-----------------------------------|--|
| M-II (COMPONENT 5,0 Mhz BW) | 63,3 |
| EBU-C (COMPOSITE 5,5 Mhz BW) | 60,19 |
| BETACAM SP (COMPONENT 4,5 Mhz BW) | 68,01 |
| U-MATIC SP (COMPOSITE 4 Mhz BW) | 71,39 |
| S-VHS (COMPOSITE 5,0 Mhz BW) | 63,3 |
| ANALOG COMPONENT/RGB (5,0 Mhz BW) | 63,3 |

*DISTANCE BASED UPON THE LIMIT FREQUENCY OF 5,5 Mhz, 5 Mhz, 4,5 Mhz AND 4 Mhz.

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